



Ref. :

الرقم :

Date :

التاريخ :

قرار الإحالة رقم (2022/ 15) للعطاء رقم (2022/10)
المتضمن "توريد مستهلكات طبية لمشروع بحث علمي لكلية التمريض"

تاريخ : 2022/8/ 18

استنادا لنص المادة (35.أ) والمادة (36.أ.ب) من نظام المشتريات الحكومية رقم (8) لسنة 2022
والمادة (29.ب.د.و) من التعليمات التنفيذية التابعة له وبناء على الرأي الفني قررت اللجنة ما يلي

- إحالة البنود ذوات الأرقام (1، 2، 6، 8، 9، 10، 11، 12، 13، 14، 18، 19، 22، 27، 28، 29، 30، 31، 32، 33، 34، 35، 36، 37، 38، 39، 41، 42، 43، 44، 45، 46، 47، 49، 50، 52، 57، 58، 59، 61، 62، 63، B-63، 64، 65، 66، 67، 71، 74، 78، 82، 83، 84، 85، 86، 91، 92، 93، 94، 98، 100، 105، 107، 108، 122، 123، 126، 144) وعددها (66) بندا على السادة شركة الوراثة للتكنولوجيا الحيوية بمبلغ إجمالي وقدره (17,999.000) سبعة عشر ألفاً وتسعمائة وتسعة وتسعون ديناراً فقط لا غير، شاملاً الضريبة والمبينة في الكشف رقم (1).
- إحالة البنود ذوات الأرقام (3، 5، 7، 17، 21، 24، 25، 26، 40، 44، B-50، 53، 54، 60، 69، 76، 77، 79، 80، 81، 88، 89، 101، 106، 125، 127، 128، 129، 137) وعددها (29) بندا على السادة شركة الجينوم الطبية بمبلغ إجمالي وقدره (5831.726) خمسة آلاف وثمانمائة وواحد وثلاثون ديناراً وفلـ726 ساً فقط لا غير، شاملاً الضريبة والمبينة في الكشف رقم (2).
- إحالة البنود ذوات الأرقام (23، 75، 87، 95، 96، 97، 99، 102، 103، 104، 110، 113، 114، 115، 116، 117، 119، 120، 121) وعددها (20) بندا على السادة مؤسسة بر جوان للتجهيزات الطبية والمخبرية بمبلغ إجمالي وقدره (3,450.420) ثلاثة آلاف دينار وأربعمائة وخمسون ديناراً وفلـ420 ساً فقط لا غير، شاملاً الضريبة والمبينة في الكشف رقم (3).
- إحالة البنود ذوات الأرقام (16، 48، 51، 55، 56) وعددها (5) بندا على السادة مؤسسة مسعود للتجهيزات الطبية والعلمية والمخبرية بمبلغ إجمالي وقدره (1,630.000) ألف وستمائة وثلاثون ديناراً فقط لا غير، شاملاً الضريبة والمبينة في الكشف رقم (4).
- إحالة البنود ذوات الأرقام (4، 15، 20، A-105، 109، 112، 118، 133، 135، 138، 139، 140، 141، 142، 143) وعددها (15) بندا على السادة المركز الوطني للتجهيزات الطبية بمبلغ إجمالي وقدره (1,052.250) ألف واثنان وخمسون ديناراً وفلـ250 ساً فقط لا غير، شاملاً الضريبة والمبينة في الكشف رقم (5).
- إحالة البنود ذوات الأرقام (68، 70، 72، 73، 111) وعددها (5) بندا على السادة المجموعة العلمية المتطورة الاستشارية بمبلغ إجمالي وقدره (733.700) سبعمائة وثلاثة وثلاثون ديناراً وفلـ700 ساً فقط لا غير، شاملاً الضريبة والمبينة في الكشف رقم (6).

***بلغت قيمة الإحالة الإجمالية (30697.096) ثلاثون ألفاً وستمائة وسبعة وتسعون ديناراً

وفلـ096 ساً فقط لا غير، شاملاً الضريبة وبموجب قرار الإحالة رقم (15)

- 1- تدفع الطوابع القانونية خلال عشرة أيام من تاريخ التبليغ بقرار الإحالة النهائي
- 2- تعتبر جميع المخاطبات السابقة واللاحقة والملاحق والتبليغات وقرارات اللجنة وعروض الشركة جزء لا يتجزأ من قرار الإحالة
- 3 - تقدم كفالة حسن تنفيذ بقيمة (10%) من قيمة المواد المحالة .
- 4- يرجى الالتزام بالشروط المبينة في القرار.
- 5-تفرض غرامة تأخير قيمتها من (0.001 _ 0.003) تصاعدياً حسب مدة التأخير استناداً لنص المادة (78/1) من تعليمات تنظيم إجراء المشتريات الحكومية لسنة (2022) وبحد أقصى (15%) من قيمة العقد/ الإحالة.
- 6-يعتبر مبلغ الإحالة شاملاً لأي ضريبة أو رسوم أو جمارك .

الكشف رقم (1) المواد المحالة لقرار الاحالة رقم (2022/15) على السادة شركة الوراثة للتكنولوجيا الحيوية للعطاء رقم (2022/10) "توريد مستهلكات طبية"

#	Item/ Description	Unit	Unit Price	Qty	Total Price	Brand /Origin
1	<p>Thermo Scientific™</p> <p>Pierce™ SDS-PAGE Sample Prep Kit</p> <p>Catalog number: 89888</p> <p>The Thermo Scientific Pierce SDS-PAGE Sample Prep Kit quickly and easily removes high levels of salts, denaturants, detergents and other buffer components that interfere with polyacrylamide gel electrophoresis of proteins.</p> <p>Features of the SDS-PAGE Sample Prep Kit:</p> <ul style="list-style-type: none"> • Eliminates gel artifacts caused by incompatible contaminants—removes dyes, reducing agents, detergents, sugars, glycerol, guanidine, urea and ammonium sulfate to provide reproducible results by SDS-PAGE analysis • Compatible with the BCA protein assay—allows protein quantitation of the processed sample before gel-loading • Enriches dilute protein solutions—concentrates protein samples for SDS-PAGE analysis by six-fold in less than 20 minutes • Powerful and flexible—process 2 to 350 µL of sample containing up to 70 µg of protein; recover 75 to 85% of the total protein in 50 µL of elution buffer • Convenient, complete kit—includes PAGEprep Resin, DMSO, spin cups and sample loading buffer <p>The SDS-PAGE Sample Prep Kit provides a simple and effective method for concentrating samples while removing chemicals that interfere with SDS-PAGE analysis, such as acids and bases, detergents, guanidine and ammonium sulfate. The proprietary PAGE-prep Resin binds protein in the presence of dimethylsulfoxide (DMSO). Interfering contaminants are then removed by washing the protein-bound</p>	50 reactions	215	2	430	Thermo Fisher scientific/ USA, Europe

resin in an easy-to-use spin cup format. Proteins are eluted in a buffer compatible with the Pierce BCA Protein Assay, allowing quantitation of a portion of the processed sample. The eluted proteins can then be combined with sample buffer and analyzed on the SDS-PAGE system of choice.

Includes:

- PAGEprep resin slurry, DMSO solution, elution buffer, sample buffer, spin cups and collection tubes

Applications:

- Inclusion bodies solubilized in guanidine-HCl
- Samples containing low-pH buffers, thiocyanates or urea
- Proteins precipitated in ammonium sulfate
- Concentration of dilute protein solutions

The SDS-PAGE Sample Prep Kit uses a unique resin composed of modified diatomaceous earth that binds protein in the presence of DMSO. The simple protocol involves combining 2 to 350 μL of sample, containing up to 70 μg of protein, with 20 μL of the PAGEprep Resin in DMSO (supplied). Proteins in the sample bind to the resin in 3 to 5 minutes, after which the nonbound contaminating chemicals are washed away. Finally, the purified proteins are recovered from the resin in 50 μL of Elution Buffer. The recovered protein sample is then ready to mix with the supplied 5X Sample Loading Buffer for gel loading (or another sample loading buffer). The procedure also allows for dilute protein samples to be concentrated up to six-fold, enabling more protein to be loaded per well. In addition, the Thermo Scientific Pierce BCA Protein Assay (Part No. 23225) is compatible with the Elution Buffer and may be used to determine final protein concentration before gel loading.

For reliable SDS-PAGE analysis, protein samples must be prepared in a buffer free of interfering substances and at protein concentrations adequate for analysis. Many interfering substances, which interfere with typical sample buffers for polyacrylamide gel electrophoresis (SDS-PAGE), are difficult to remove by traditional sample preparation methods. For example, protein samples containing 6M guanidine-HCl will precipitate when mixed with Laemmli buffer for SDS-PAGE, causing the sample to run poorly on a gel. Fortunately, samples containing a wide range of interfering chemicals, such as chaotropic agents, detergents, lipids, pH extremes and salts, can be cleaned up within minutes using the SDS-PAGE Sample Prep Kit.

Specifications

	Buffer Sample Loading Buffers Gel Type SDS-PAGE Gel Compatibility SDS-PAGE Gels Product Line Pierce™ Product Type Specs SDS-PAGE Sample Prep Kit					
2	Thermo Scientific™ Halt™ Protease Inhibitor Cocktail (100X) Catalog number: 78429 Thermo Scientific Halt Protease Inhibitor Cocktail (100X) are ready-to-use concentrated stock solutions of protease inhibitors for addition to samples to prevent proteolytic degradation during cell lysis and protein extraction. Features of Halt Protease Inhibitor Cocktail, (100X): <ul style="list-style-type: none"> • Convenient—the refrigerator-stable, 100X liquid format is more effective and easier to use than individual inhibitors or other formats; just pipette exactly the amount you need • No proprietary ingredients—fully disclosed formulation contains optimized concentrations of six broad-spectrum protease inhibitors AEBSF, aprotinin, bestatin, E-64, leupeptin and pepstatin A stabilized in high-quality 	5 mL	370	1	370	Thermo Fisher scientific/ USA, Europe

<p>dimethylsulfoxide (DMSO)</p> <ul style="list-style-type: none"> • Multiple package sizes—choose among several package sizes, including single-use microtubes that keep protease inhibitors fresh and reduce the risk of reagent contamination • Regular formulation—includes a separate vial of EDTA solution for optional metalloprotease inhibition • Lysis buffer compatible—use with Thermo Scientific Pierce Cell Lysis Buffers or nearly any other commercial or homemade detergent-based lysis reagent. Add 10 µL of concentrated cocktail per 1 mL of lysis buffer to ensure complete protection of the resulting protein extract. <p>Applications:</p> <ul style="list-style-type: none"> • Protection of intact, active cellular proteins from degradation by endogenous proteases • Inhibition of protease activity from lysates produced by a variety of methods including Thermo Scientific Pierce Cell Lysis Reagents, other commercially formulated cell or tissue lysis products, sonication, French press, blender homogenization or repetitive freeze/thaw cycling • Screening of extracts for proteolytic activity • The study of proteolysis in the regulation of cellular processes <p>Proteases make up a large category of enzymes, including endopeptidases and exopeptidases, which catalyze the hydrolytic breakdown of proteins into peptides or amino acids in a wide variety of cell and tissue types. Proteases are regulated and compartmentalized in living cells, but cell lysis releases and mixes them with other extracted proteins. Their activity can thus lead to the loss of a large number of valuable proteins, adversely affecting downstream applications. For this reason, it is common practice to spike cell lysis buffers or cell extracts with a cocktails of compounds known to inactivate or inhibit proteases. Halt Protease Inhibitor Cocktails effectively inhibit serine-proteases, cysteine-proteases, aspartic acid-proteases and aminopeptidases that are typically present in cellular lysate samples. Regular and EDTA-free formulations provide for inhibition of metalloproteases and compatibility with 2D electrophoresis, respectively.</p>					
--	--	--	--	--	--

6	2X Laemmli Sample Buffer sc-286962 Application: <u>2X Laemmli Sample Buffer</u> is for SDS-PAGE protein sample preparation, protein sample is mixed (1:1) with the 2X sample buffer <p>Laemmli sample buffer is especially formulated for protein sample preparation to be used in the Laemmli SDS-PAGE system. A protein sample is mixed with the 2X sample buffer (1:1) and heated in boiling water for 2-5 min. The 2-mercaptoethanol reduces the intra and inter-molecular disulfide bonds. The SDS detergent denatures the proteins and subunits and gives each an overall negative charge so that each will separate based on size. The bromophenol blue serves as a dye front that runs ahead of the proteins and also serves to make it easier to see the sample during loading. The glycerol increases the density of the sample so that it will layer in the sample well. Solution contains 4% SDS, 20% glycerol, 10% 2-mercaptoethanol, 0.004% bromphenol blue and 0.125 M Tris HCl, pH approx. 6.8. Recommended usage: add 1 volume gel loading solution to 1 volume sample and mix well.</p> <p>Formulation : 2X Physical State : Liquid Solubility : Soluble in water. pH : ~6.8 Storage : Store at -20° C</p>	30 ml	25	2	50	Santa Cruz Biotechnology/ USA
8	Thermo Scientific™ Pierce™ 20X TBS Tween™ 20 Buffer Catalog number: 28360	500 mL	110	2	220	Thermo Fisher scientific/ USA, Europe

<p>Thermo Scientific Pierce 20X TBS Tween-20 is a space-saving stock solution that is ideal for preparing TBS-Tween (TBS-T) wash buffers or blocking buffer diluent used for applications such as ELISA, Western blotting and other immunoassays.</p> <p>Features of Thermo Scientific Pierce 20X TBS Tween-20:</p> <ul style="list-style-type: none"> • TBS-T—diluted 20-fold in water, the solution yields 25 mM Tris, 0.15M NaCl, 0.05% Tween-20, pH 7.5 • Easy to use—no packets to open and no powder to dissolve • Increased accuracy—eliminates the possibility of powder remaining in a packet • Saves time—20X concentration eliminates time spent waiting for powder to dissolve • Saves space—storage as concentrated stock minimizes bench space needed for solutions <p>Applications:</p> <ul style="list-style-type: none"> • Wash buffer or blocking buffer for ELISA, Western and other immunoassays <p>Pierce Concentrated Buffers are ready to use without having to weigh and dissolve dry ingredients or to adjust the pH with concentrated acid or base. Simply dilute the stock solution with pure water and proceed with your experiment. The 20X TBS Tween-20 (Tris-buffered saline with Tween™ 20 detergent) makes 25 mM Tris, 0.15M NaCl, 0.05% Tween-20, pH 7.5, when diluted to 1X with water.</p> <p>Specifications</p> <p>Form</p> <p>Liquid</p> <p>Product Line</p> <p>Pierce™, Tween™</p>					
--	--	--	--	--	--

	Quantity 500 mL Concentration 20 X pH Range 7.5 pH					
9	Tris-Borate-EDTA buffer, 10X sc-296650 <p>Application: <u>Tris-Borate-EDTA buffer, 10X</u> is "TBE buffer", a concentrated solution ready to use for DNA and RNA polyacrylamide gel electrophoresis</p> <p>Tris-Borate-EDTA (TBE) buffer, 10X is the most commonly used buffer for DNA and RNA polyacrylamide gel electrophoresis. TBE is used with non-denaturing or denaturing (7 M urea) gels. It is also routinely used for DNA automated sequencing gel. TBE can also be used for agarose gels but is not recommended for preparative gels for recovery of nucleic acids. Since borate in TBE buffer is a strong inhibitor for many enzymes, TAE buffer (Tris Acetate-EDTA buffer, 10X powder, sc-296647) is recommended when looking at enzymatic applications for the DNA sample.</p> <p>Usage : Ready for use after dilution to working concentrations. Dilution of the TBE stock concentrates to a 1X TBE running buffer results in a buffer containing 89 mM Tris-borate and 2 mM EDTA, pH 8.3. The 5X or 10X stocks may also be added to an acrylamide/bis-acrylamide stock solution for making the PAGE gel.</p> <p>Formulation : 10X Solubility : soluble in water pH : ~8.3</p>	1 L	39	3	117	Santa Cruz Biotechnology/ USA

	Storage : Store at room temperature					
10	<p>Thermo Scientific™</p> <p>M-PER™ Mammalian Protein Extraction Reagent</p> <p>Catalog number: <u>78501</u></p> <p>Thermo Scientific M-PER Mammalian Protein Extraction Reagent is designed to provide highly efficient total soluble protein extraction from cultured mammalian cells.</p> <p>Features of M-PER Mammalian Protein Extraction Reagent:</p> <ul style="list-style-type: none"> • Gentle—mild detergent lysis, yielding extracts that are immediately compatible with coomassie (Bradford) and BCA protein assays or SDS-PAGE • Compatible—extracts soluble proteins in nondenatured state, enabling direct use in immunoprecipitation and other affinity purification procedures • Amine-free and dialyzable—formulation ensures compatibility with subsequent assay systems • Convenient—lyse adherent cells directly in plate or after scraping and washing in suspension • Non-denaturing—maintain activity of luciferase, beta-galactosidase, CAT and other reporter genes as well or better than other suppliers' products and freeze/thaw methods <p>Product Details</p> <p>The complete cell lysis reagent contains a mild, nondenaturing detergent that dissolves cell membranes to extract and solubilize total protein from most cellular compartments. Extraction is accomplished in only 5 minutes and requires little or no additional mechanical disruption. M-PER reagent is formulated for minimal interference with downstream biological applications. The reagent has been validated for use with several cell lines, including primary,</p>	250 mL	359	1	359	Thermo Fisher scientific/ USA, Europe

	<p>suspension and adherent cell types; the resulting cell lysates are compatible with many downstream assays including immunoassays, enzyme assays and a variety of common reporter assays.</p> <p>Cellular protein extraction—cell lysis to release the proteins of interest—is a key first step in many proteomics analysis procedures. M-PER reagent is designed to efficiently extract soluble protein from a variety of cell types, including primary cells and cells grown in suspension or adherent culture conditions. Performance of M-PER reagent was evaluated for yields of both total protein and specific target proteins from the various cellular compartments. Additionally, because M-PER reagent is formulated with dialyzable components that are devoid of primary amines, it is more compatible with certain downstream applications, such as luciferase, beta-galactosidase, and CAT assays, than other protein extraction methods.</p> <p>Product Line M-PER™</p> <p>Quantity 1L</p> <p>Format Liquid</p> <p>Product Type Protein Extraction Reagent</p>					
11	<p>TEMED (CAS 110-18-9) sc-29111</p> <p>Alternate Names:Tetramethylethylenediamine</p> <p>Application:<u>TEMED</u> is a free radical stabilizer used as a catalyst with APS to promote polymerization of acrylamide gels</p> <p>CAS Number:110-18-9</p> <p>Purity:≥99%</p>	50 ml	39	1	39	Santa Cruz Biotechnology/ USA

	<p>Molecular Weight:116.21</p> <p>Molecular Formula:C₆H₁₆N₂</p> <p>TEMED (N,N,N',N'-Tetramethylethylenediamine) is a free radical stabilizer used as a catalyst with APS (Ammonium persulfate, sc-202946) to promote polymerization of Acrylamide/bis-Acrylamide gels. Also employed as a ligand for metal ions as it forms stable complexes with many metal halides, e.g. zinc chloride and copper(I) iodide, giving complexes that are soluble in organic solvents. In such complexes, TEMED serves as a bidentate ligand. Ready-to-use acrylamide solutions are available for your convenience: Acrylamide Solution, 40% (sc-3721) and N,N'-Methylenebis-Acrylamide, 2%</p> <p>Physical State : liquid</p> <p>Solubility : Soluble in water (20 mg/ml).</p> <p>Storage : Store at room temperature</p> <p>Melting Point : -55° C (lit.)</p> <p>Boiling Point : 120-122° C (lit.)</p> <p>Density : 0.78 g/mL at 20° C</p> <p>Refractive Index : n_D²⁰ 1.42 (lit.)</p>					
12	<p><u>10X RIPA Buffer (ab156034)</u></p> <p>Description:</p> <p>10X RIPA Buffer</p> <p>Application:</p> <p>ELISA, IP, SDS-PAGE, WB</p>	15 ml	70	1	70	Abcam/UK

13	PBS W/O CALCIUM & MAGNESIUM 10X ECM4004XL	500 ml	19	6	114	EuroClone/ Italy
14`	<div> <div>XP10202 BOX</div> <div>Novex™ WedgeWell™ 10 to 20%, Tris-Glycine, 1.0 mm, Mini Protein Gel, 12-well</div> </div>	10/ pack	160	2	320	ThermoFisher/ USA, EU
18	<p>Halt™ and Phosphatase Inhibitor Cocktail (100X)</p> <p>Catalog number: <u>78444</u></p> <p>Thermo Scientific Halt Protease and Phosphatase Inhibitor Cocktail (100X) provides the convenience of a single solution with full protein sample protection for cell and tissue lysates.</p> <p>Features of Halt Protease and Phosphatase Inhibitor Cocktail (100X):</p> <ul style="list-style-type: none"> • Complete protection—all-in-one cocktail contains both protease and phosphatase inhibitors • Multiple package sizes—choose from four convenient packages sizes to match nearly any scale • Convenient—the 100X liquid formulation is much easier and more effective to use than individual inhibitors and other formats • Easy storage—aqueous-based format allows for convenient cold-room storage without freezing, by contrast with DMSO-based cocktails • Compatible—can be used in mass spectrometry (MS) because it does not contain AEBSF, which can cause peaks to shift • Validated—fully compatible with Thermo Scientific Pierce Cell Lysis Buffers <p>Halt Protease and Phosphatase Inhibitor Cocktail is specifically optimized to protect proteins from degradation during extraction and purification. The cocktail contains inhibitors against the major classes of proteases and phosphatases, targeting aminopeptidases, cysteine and serine proteases and serine/threonine and protein tyrosine phosphatases. To promote the inhibition of metalloproteases, 0.5M EDTA is</p>	5 x 1 mL	510	1	510	Thermo Fisher scientific/ USA, Europe

	<p>provided in a separate tube.</p> <p>Specifications</p> <p>Inhibitors</p> <p>Protease Inhibitor, Phosphatase Inhibitor</p> <p>Quantity</p> <p>1 mL</p> <p>Form</p> <p>Liquid</p> <p>Product Line</p> <p>Halt™</p> <p>Reagent Type</p> <p>Protease Inhibitor, Phosphatase Inhibitor</p> <p>Description</p> <p>Halt Protease and Phosphatase Inhibitor Cocktail</p>					
19	<p>Western Blot Stripping Buffer sc-281698</p> <p>Application: <u>Western Blot Stripping Buffer</u> is breaks antibody-antigen interactions to allow membranes to be reprobbed using different antibodies</p> <p>Western Blot Stripping Buffer is a gentle method for breaking antibody-antigen interactions to allow nitrocellulose and PVDF membranes to be reprobbed several times using different antibodies, saving time and conserving samples. Ideal for use with chemiluminescent substrates. Used without dilution. One Western Blot Stripping</p>	500 ml	115	1	115	<p>Santa Cruz Biotechnology/ USA</p>

	<p>Buffer package contains 500 ml Buffer A and 5 ml Buffer B, which combine to form sufficient reagent for approximately 25 membrane treatments.</p> <p>Usage :</p> <ul style="list-style-type: none"> •Wash already probed membrane with TBST (stock solutions available: sc-24953, sc-281695) for 5 min. •Determine amount of stripping buffer needed (20 mL is usually sufficient for one membrane). •Combine 20 mL of Buffer A and 200µL of Buffer B to make a 1:100 Buffer B: Buffer A dilution. For best results, let combined buffer come to room temperature prior to use. •Incubate the membrane on an orbital shaker with sufficient stripping buffer to cover the membrane. Depending on the size and quantity, more than 20 mL may be needed. •Incubate/shake for 30 min at RT. Results can be had in as little as 15 min, with up to 2 hrs for strongly bound antibodies. •Wash 3x with TBST for 5 min. •Reblock with appropriate blocking reagent, and perform western blot onto membrane according to Santa Cruz Biotechnology research applications or standard protocols. <p>Formulation :</p> <p>Buffer A: Proprietary Component 1 40%, Water 60%</p> <p>Buffer B: Proprietary component 2 10-20%, Water 80-90%</p> <p>Physical State :</p> <p>Liquid</p> <p>Storage :</p> <p>Store at 4° C</p>					
22	<p>Glycine (CAS 56-40-6)</p> <p>sc-29096A</p> <p>Alternate Names:Glycine also known as Aminoacetic acid; Aminoethanoic acid; Glycocol; glicina; TRIS-TRICINE BUFFER; TRIS-GLYCINE, Amitone; Athenon; Glicoamin; Glykokoll; Glycolixir; Glycosthene; BLOTTING BUFFER</p>	500 g	25	1	25	Santa Cruz Biotechnology/ USA

<p>Application:Glycine is a widely used buffer used for polyacrylamide gel electrophoresis, Western blots and for the preparation of TG buffers</p> <p>CAS Number:56-40-6</p> <p>Purity:≥98%</p> <p>Molecular Weight:75.07</p> <p>Molecular Formula:C₂H₅NO₂</p> <p>Glycine is widely used as a buffer for a variety of immunological applications. Glycine is frequently used in the preparation of TG Buffers (Tris-Glycine; sc-296648) where the buffer is used as a running and/or transfer buffer for polyacrylamide gel electrophoresis and western blotting. Glycine (100 mM, pH 2.0-2.5; sc-295018) is also used as an eluent in column chromatography. Glycine has been reported for use in the enzymatic determination of lactate using lactic dehydrogenase. Glycine has also been use for the preparation of gelatin composites scaffold.</p> <p>Appearance : Crystalline Physical State : Solid Solubility : Soluble in water (100 mg/ml), and acetone (slightly soluble). Insoluble in alcohol, and ether. Storage : Store at room temperature Melting Point : 240° C Boiling Point : ~240.90° C at 760 mmHg (Predicted) Density : 1.60 g/cm³ at 20° C Refractive Index : n²⁰_D 1.46 (Predicted) IC50 :</p>					
---	--	--	--	--	--

	<p>Glycine receptor alpha-4 chain: IC₅₀ = 6 µM (mouse); Glutamate NMDA receptor: IC₅₀ = 0.2 µM (rat)</p> <p>Ki Data :</p> <p>Glutamate NMDA receptor: K_i= 170 nM (rat)</p> <p>pK Values :</p> <p>pK_a: 2.43 (Predicted), pK_b: 9.64 (Predicted)</p>					
27	<p>N,N'-Methylenebis-Acrylamide (CAS 110-26-9)</p> <p>sc-361828A</p> <p>Alternate Names:Bis-acrylamide; BAC</p> <p>Application:<u>N,N'-Methylenebis-Acrylamide</u> is a preparatory agent for polyacrylamide gels</p> <p>CAS Number:110-26-9</p> <p>Purity:≥96%</p> <p>Molecular Weight:154.17</p> <p>Molecular Formula:C₇H₁₀N₂O₂</p> <p>N,N'-Methylenebis-Acrylamide, 2% (bis-Acrylamide) is used in the preparation of polyacrylamide gels for electrophoretic separation of nucleic acids and proteins. Recommended for use with Acrylamide Solution, 40% (sc-3721). Acrylamide forms linear polymers</p> <p>Appearance :</p> <p>Powder</p> <p>Physical State :</p> <p>Solid</p> <p>Solubility :</p> <p>Soluble in water (20 g/L) at 20° C, ethanol, and methanol.</p> <p>Storage :</p>	100 g	25	1	25	<p>Santa Cruz Biotechnology/ USA</p>

	Store at 4° C Melting Point : >300° C Boiling Point : 445.11° C at 760 mmHg (Predicted) Density : 1.24 g/cm ³ at 20° C Refractive Index : n ²⁰ _D 1.48 (Predicted) pK Values : pK _a : 13.07 (Predicted)					
28	<p>Tris base (CAS 77-86-1)</p> <p>sc-3715</p> <p>Alternate Names:Tris base is also known as Tris(hydroxymethyl)aminomethane.</p> <p>Application:Tris base is widely used as a biological buffer or as a component of buffer formulations. Tris base has buffering capabilities in the pH range of 7.0-9.0.</p> <p>CAS Number:77-86-1</p> <p>Purity:≥99%</p> <p>Molecular Weight:121.14</p> <p>Molecular Formula:C₄H₁₁NO₃</p> <p>Tris base is widely used as a biological buffer or as a component of buffer formulations such as TAE (sc-296645) and TBE (sc-296650) buffers. Tris base has a pK_a of 8.06 and is very useful in the biology and biochemistry lab because tris base has buffering capabilities in the range of the typical physiological pH of most living organisms (pH 7.0-9.0). Tris base has been reported to interfere with the activity of a number of enzymes, therefore tris base should be used carefully when studying proteins. Tris base is also known as THAM, 2-Amino-2-(hydroxymethyl)-1,3-</p>	500 g	35	1	35	Santa Cruz Biotechnology/ USA

	<p>propanediol, and Tris(hydroxymethyl)aminomethane.</p> <p>Usage : Stable for up to 1 year after receipt when stored at -20°C. Stock solutions should be aliquoted and stored at -20°C for up to 1 month.</p> <p>Appearance : Crystalline powder</p> <p>Physical State : Solid</p> <p>Solubility : Soluble in water (550 mg/ml), ethylene glycol (79.1 mg/ml), methanol (26 mg/ml), anhydrous ethanol (14.6 mg/ml), 95% ethanol (22 mg/ml), DMF (14 mg/ml), acetone (2 mg/ml), ethyl acetate (0.5 mg/ml), olive oil (0.4 mg/ml), chloroform (0.05 mg/ml), and alkaline solution.</p> <p>pH : useful pH range: 7.0 - 9.0</p> <p>Storage : Store at room temperature</p> <p>Melting Point : 168-172° C</p> <p>Boiling Point : 219-220° C at 10 mmHg</p> <p>Density : ~1.3 g/cm³</p> <p>Refractive Index : n²⁰_D 1.54 (Predicted)</p> <p>pK Values : pK_a: 8.2 (at 20° C), 8.06 (at 25° C), 7.72 (at 37° C)</p>					
29	<p>Invitrogen</p> <p>Caspase 3 (Cleaved Asp175) Polyclonal Antibody</p> <p>Catalog # PA5-114687</p>	100 µL	309	1	309	<p>Thermo Fisher scientific</p> <p>"eBioscience" / USA, Europe</p>

Applications					
Tested Dilution					
Publications					
Western Blot (WB)					
1:500-1:2,000					
-					
Immunohistochemistry (PFA fixed) (IHC (PFA))					
1:50-1:200					
-					
Immunocytochemistry (ICC/IF)					
1:100-1:500					
-					
Species Reactivity					
Human, Mouse, Rat					
Host/Isotype					
Rabbit / IgG					
Class					
Polyclonal					
Type					
Antibody					
Immunogen					
A synthesized peptide derived from human CASP3(Accession P42574), corresponding to amino acid residues C163-M182.					
Conjugate					
Unconjugated					
Form					
Liquid					
Concentration					
1 mg/mL					
Purification					
Affinity chromatography					
Storage buffer					
PBS with 50% glycerol, 150mM NaCl					
Contains					
0.02% sodium azide					

	Storage conditions -20°C					
30	Invitrogen ERK1/ERK2 Polyclonal Antibody Catalog # 61-7400 Applications Tested Dilution Publications Western Blot (WB) 1:500-1:2,000 View 21 publications Immunohistochemistry (IHC) Assay-dependent View 1 publication Immunohistochemistry (Paraffin) (IHC (P)) - View 1 publication Immunocytochemistry (ICC/IF) 2 µg/mL View 1 publication ELISA (ELISA) Assay-dependent - Immunoprecipitation (IP) Assay-dependent - Miscellaneous PubMed (Misc) -	100 µg	265	1	265	Thermo Fisher scientific "eBioscience" / USA, Europe

	View 2 publications Species Reactivity Human, Mouse, Rabbit, Rat Published species Human, Mouse, Non-human primate, Rat, Xenopus Host/Isotype Rabbit / IgG Class Polyclonal Type Antibody Immunogen Synthetic peptide (a.a. 339-353) corresponding to a C-terminal segment of rat ERK1 Conjugate Unconjugated Form Liquid Concentration 0.25 mg/mL Purification Antigen affinity chromatography Storage buffer PBS, pH 7.4 Contains 0.1% sodium azide Storage conditions -20°C RRID AB_2533939					
31	Invitrogen Phospho-ERK1/ERK2 (Thr202, Tyr204) Polyclonal Antibody	100 µL	279	1	279	Thermo Fisher scientific "eBioscience" / USA, Europe

<p>Catalog # 36-8800</p> <p>Western Blot (WB) 1:1,000 View 8 publications</p> <p>Immunohistochemistry (IHC) - View 3 publications</p> <p>Immunohistochemistry (Paraffin) (IHC (P)) 1:500 - Immunocytochemistry (ICC/IF) 1:250 View 1 publication</p> <p>Miscellaneous PubMed (Misc) - View 1 publication</p> <p>Species Reactivity Human, Rat Published species Human, Mouse, Rat Host/Isotype Rabbit / IgG Class Polyclonal Type Antibody Immunogen Synthetic phosphopeptide corresponding to the region surrounding the phosphorylated Thr202 and Tyr204 residues of ERK1+2 (p44/42 MAP kinase). Conjugate Unconjugated Form Liquid Purification</p>					
---	--	--	--	--	--

	Affinity chromatography Storage buffer 0.01M HEPES, pH 7.5, with 50% glycerol, 0.15M NaCl, 100µg/mL BSA Contains no preservative Storage conditions -20°C or -80°C if preferred RRID AB_2533283					
32	Invitrogen c-Myc Polyclonal Antibody Catalog # PA5-85185 Western Blot (WB) 1:500-1:3,000 View 1 publication Immunohistochemistry (Paraffin) (IHC (P)) Assay-dependent - Immunocytochemistry (ICC/IF) 1:100-1:1,000 - Immunoprecipitation (IP) 1:100-1:500 - ChIP assay (ChIP) Assay-dependent - Species Reactivity Human, Mouse Published species Human	100 µL	285	1	285	Thermo Fisher scientific "eBioscience" / USA, Europe

	Host/Isotype Rabbit / IgG Class Polyclonal Type Antibody Immunogen Recombinant protein encompassing a sequence within the center region of human c-Myc. Conjugate Unconjugated Form Liquid Concentration 0.29 mg/mL Purification Antigen affinity chromatography Storage buffer PBS, pH 7, with 20% glycerol, 1% BSA Contains 0.025% Proclin 300 Storage conditions Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. RRID AB_2792331					
33	Invitrogen JNK1/JNK2/JNK3 Polyclonal Antibody Catalog # PA5-36548 estern Blot (WB) 1:500-1:1,000	100 µL	285	1	285	Thermo Fisher scientific "eBioscience" / USA, Europe

	<p>-</p> <p>Immunohistochemistry (Paraffin) (IHC (P))</p> <p>1:50-1:200</p> <p>Species Reactivity</p> <p>Human, Mouse, Rat</p> <p>Host/Isotype</p> <p>Rabbit / IgG</p> <p>Class</p> <p>Polyclonal</p> <p>Type</p> <p>Antibody</p> <p>Immunogen</p> <p>Synthetic peptide corresponding to amino acids 150-200 of human JNK1</p> <p>Conjugate</p> <p>Unconjugated</p> <p>Form</p> <p>Liquid</p> <p>Concentration</p> <p>1 mg/mL</p> <p>Purification</p> <p>Antigen affinity chromatography</p> <p>Storage buffer</p> <p>PBS, pH 7.2, with 50% glycerol</p> <p>Contains</p> <p>0.02% sodium azide</p> <p>Storage conditions</p> <p>Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.</p> <p>RRID</p> <p>AB_2553581</p>					
34	<p>Invitrogen</p> <p>Phospho-JNK1/JNK2/JNK3 (Thr183, Tyr185) Polyclonal Antibody</p>	100 µL	305	1	305	<p>Thermo Fisher scientific</p> <p>"eBioscience" / USA, Europe</p>

<p>Catalog # PA5-118556</p> <p>Western Blot (WB) 1:500-1:2,000 - Immunohistochemistry (Paraffin) (IHC (P)) 1:100-1:500 - Immunocytochemistry (ICC/IF) 1:100-1:500 Species Reactivity Human, Mouse, Rat Host/Isotype Rabbit / IgG Class Polyclonal Type Antibody Immunogen A synthesized peptide derived from human JNK1/2/3 around the phosphorylation site of Thr183+Tyr185. Conjugate Unconjugated Form Liquid Concentration 1 mg/mL Purification Antigen affinity chromatography Storage buffer PBS, pH 7.4, with 50% glycerol Contains 0.02% sodium azide Storage conditions -20°C</p>					
---	--	--	--	--	--

35	Invitrogen c-Jun Monoclonal Antibody (ZC008) Catalog # 39-7500 Western Blot (WB) 1-3 µg/mL View 1 publication Immunocytochemistry (ICC/IF) 1-2 µg/mL View 1 publication ELISA (ELISA) Assay-dependent Species Reactivity Human, Mouse, Rabbit Published species Bacteria, Guinea pig, Human, Mouse, Rat Host/Isotype Mouse / IgG1, kappa Class Monoclonal Type Antibody Clone ZC008 Immunogen Recombinant protein encompassing an internal region of the human c-Jun protein Conjugate Unconjugated Form Liquid Concentration	100 µg	289	1	289	Thermo Fisher scientific "eBioscience" / USA, Europe

	0.5 mg/mL Purification Protein A Storage buffer PBS, pH 7.4 Contains 0.1% sodium azide Storage conditions -20°C RRID AB_2533433					
36	Invitrogen Phospho-c-Jun (Ser63) Monoclonal Antibody (J.973.7) Catalog # MA5-15115 Western Blot (WB) 1:500 View 1 publication Immunohistochemistry (Paraffin) (IHC (P)) 1:100 -Species Reactivity Human, Mouse, Rat Published species Not Applicable Host/Isotype Rabbit / IgG Class Monoclonal Type Antibody Clone	100 µL	290	1	290	Thermo Fisher scientific "eBioscience" / USA, Europe

	<p>J.973.7</p> <p>Immunogen</p> <p>Synthetic phosphopeptide corresponding to residues around pSer63 of human c-Jun</p> <p>Conjugate</p> <p>Unconjugated</p> <p>Form</p> <p>Liquid</p> <p>Purification</p> <p>Affinity chromatography</p> <p>Storage buffer</p> <p>0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol</p> <p>Contains</p> <p><0.02% sodium azide</p> <p>Storage conditions</p> <p>-20°C</p> <p>RRID</p> <p>AB_10979594</p>					
37	<p>KO VALIDATED Recombinant RabMAb</p> <p>Anti-p38 alpha/MAPK14 antibody [E229] - BSA and Azide free (ab225534)</p> <p>Specific References (7)</p> <p>Description:</p> <p>Rabbit monoclonal [E229] to p38 alpha/MAPK14 - BSA and Azide free</p> <p>Application:</p> <p>Flow Cyt (Intra), ICC/IF, IP, WB</p> <p>Reactivity:</p> <p>Mouse, Rat, Human</p> <p>Conjugate:</p>	100 µl	387	1	387	Abcam/UK

	Unconjugated					
38	Anti-p38 alpha/MAPK14 (phospho Y322) antibody (ab60999) Description: Rabbit polyclonal to p38 alpha/MAPK14 (phospho Y322) Application: IHC-P, WB Reactivity: Human (predicted: Rat) Conjugate: Unconjugated	100 µg	375	1	375	Abcam/UK
39	Invitrogen STAT1 Monoclonal Antibody (STAT1-79) Catalog # AHO0832 Western Blot (WB) 1:500 View 5 publications Immunohistochemistry (IHC) - View 1 publication Immunohistochemistry (Paraffin) (IHC (P)) 1:10-1:100 - Immunocytochemistry (ICC/IF) 1:250 View 1 publication	100 µg	275	1	275	Thermo Fisher scientific "eBioscience" / USA, Europe

Immunoprecipitation (IP) 0.5-1 µg/mL View 1 publication ChIP assay (ChIP) 5 µL Species Reactivity Human, Mouse, Rat Published species Human, Mouse, Virus Host/Isotype Mouse / IgG1, kappa Class Monoclonal Type Antibody Clone STAT1-79 Immunogen Recombinant human STAT1-alpha expressed in E. coli. Conjugate Unconjugated Form Liquid Concentration 0.5 mg/mL Purification purified Storage buffer PBS, pH 7.2, with 1% BSA Contains 0.1% sodium azide Storage conditions -20°C RRID AB_2536317					
---	--	--	--	--	--

41	Invitrogen p53 Monoclonal Antibody (DO-1) Catalog # MA5-12571 Western Blot (WB) 1-2 µg/mL View 35 publications Immunohistochemistry (IHC) - View 12 publications Immunohistochemistry (Paraffin) (IHC (P)) 1:20 View 2 publications Immunocytochemistry (ICC/IF) 2 µg/mL View 4 publications Flow Cytometry (Flow) - View 1 publication Immunoprecipitation (IP) - View 2 publications ChIP assay (ChIP) 1-3 µg x 10 ⁶ cells Species Reactivity Human, Rhesus monkey Published species Human, Mouse, Non-human primate Host/Isotype Mouse / IgG2a	500 µL	295	1	295	Thermo Fisher scientific "eBioscience" / USA, Europe

	<div>Class</div> <div>Monoclonal</div> <div>Type</div> <div>Antibody</div> <div>Clone</div> <div>DO-1</div> <div>Immunogen</div> <div>Recombinant human wild-type p53 protein expressed in E. coli</div> <div>Conjugate</div> <div>Unconjugated</div> <div>Form</div> <div>Liquid</div> <div>Concentration</div> <div>0.2 mg/mL</div> <div>Purification</div> <div>Protein A</div> <div>Storage buffer</div> <div>PBS, pH 7.4, with 0.2% BSA</div> <div>Contains</div> <div>0.09% sodium azide</div> <div>Storage conditions</div> <div>4° C</div> <div>RRID</div> <div>AB_10986581</div>					
42	<div>Invitrogen</div> <div>p38 MAPK Polyclonal Antibody</div> <div>Catalog # AHO1202</div> <div>Western Blot (WB)</div> <div>Assay-dependent</div> <div>View 5 publications</div> <div>Immunohistochemistry (IHC)</div>	100 µg	249	1	249	Thermo Fisher scientific "eBioscience" / USA, Europe

<div><div>-</div><div><div><div>View 1 publication</div></div></div><div><div>Immunohistochemistry (Paraffin) (IHC (P))</div><div>1:10-1:100</div><div>-</div><div>Immunocytochemistry (ICC/IF)</div><div>1:250</div><div>Species Reactivity</div><div>Human, Mouse, Rat</div><div>Published species</div><div>Human, Mouse, Rat</div><div>Host/Isotype</div><div>Rabbit / IgG</div><div>Class</div><div>Polyclonal</div><div>Type</div><div>Antibody</div><div>Immunogen</div><div>Recombinant human p38-alpha MAPK.</div><div>Conjugate</div><div>Unconjugated</div><div>Form</div><div>Liquid</div><div>Concentration</div><div>0.5 mg/mL</div><div>Purification</div><div>purified</div><div>Storage buffer</div><div>PBS, pH 7.2, with 1% BSA</div><div>Contains</div><div>0.1% sodium azide</div><div>Storage conditions</div><div>-20°C</div><div>RRID</div><div>AB_2536327</div></div></div>					
--	--	--	--	--	--

43	<p>Invitrogen Phospho-p38 MAPK (Thr180, Tyr182) Polyclonal Antibody Catalog # 44-684G</p> <p>Western Blot (WB) 1:1,000 View 24 publications Immunohistochemistry (IHC) - View 1 publication Immunohistochemistry (Paraffin) (IHC (P)) 1:10-1:100 View 1 publication Immunocytochemistry (ICC/IF) 1 µg/mL View 1 publication Flow Cytometry (Flow) 3-5 µg/1x10⁶ cells Species Reactivity Human, Rat Published species Human, Mouse, Rat Host/Isotype Rabbit / IgG Class Polyclonal Type Antibody Immunogen The antiserum was produced against a chemically synthesized phosphopeptide derived from the region of human p38 that contains threonine 180 and tyrosine 182. This region is conserved among many species including mouse, rat, dog, monkey and</p>	100 µL	275	1	275	<p>Thermo Fisher scientific "eBioscience" / USA, Europe</p>

	<p>carp. Conjugate Unconjugated Form Liquid Purification Antigen affinity chromatography Storage buffer Dulbecco's PBS, pH 7.3, with 1mg/mL BSA, 50% glycerol Contains 0.05% sodium azide Storage conditions -20°C RRID AB_2533721</p>					
45	<p>Invitrogen</p> <p>Cytochrome C Monoclonal Antibody (7H8.2C12)</p> <p>Catalog # MA5-11674</p> <p>Applications Tested Dilution Publications Western Blot (WB) Assay-dependent View 17 publications Immunohistochemistry (IHC) - View 5 publications Immunohistochemistry (Paraffin) (IHC (P)) 1:100</p>	500 µL	290	1	290	<p>Thermo Fisher scientific</p> <p>"eBioscience" / USA, Europe</p>

<div><div>View 4 publications</div><div>Immunocytochemistry (ICC/IF)</div><div>2 µg/mL</div><div>View 3 publications</div><div>Miscellaneous PubMed (Misc)</div><div>-</div><div>View 4 publications</div><div>Species Reactivity</div><div>Human, Mouse</div><div>Published species</div><div>Human, Mouse, Rat, Xenopus</div><div>Host/Isotype</div><div>Mouse / IgG2b, kappa</div><div>Class</div><div>Monoclonal</div><div>Type</div><div>Antibody</div><div>Clone</div><div>7H8.2C12</div><div>Immunogen</div><div>Synthetic peptides corresponding to amino acids 1-80, 81-104 and 66-104 of pigeon cytochrome c</div><div>Conjugate</div><div>Unconjugated</div><div>Form</div><div>Liquid</div><div>Concentration</div><div>0.2 mg/mL</div><div>Purification</div><div>Protein A</div><div>Storage buffer</div><div>PBS, pH 7.4, with 0.2% BSA</div><div>Contains</div><div>0.09% sodium azide</div><div>Storage conditions</div></div>					
---	--	--	--	--	--

	4° C RRID AB_10985701					
46	Invitrogen Bax Monoclonal Antibody (2D2) Catalog # MA5-13994 Western Blot (WB) 1 µg/mL View 15 publications Immunohistochemistry (IHC) - View 27 publications Immunohistochemistry (Paraffin) (IHC (P)) 2-4 µg/mL View 2 publications Immunohistochemistry - Free Floating (IHC (Free)) - View 1 publication Species Reactivity Human Published species Human, Rat Host/Isotype Mouse / IgG1, kappa Class Monoclonal Type Antibody Clone 2D2 Immunogen	500 µL	310	1	310	Thermo Fisher scientific "eBioscience" / USA, Europe

	<p>A synthetic peptide, aa 3-16 (Cys-GSGEQPRGGGPTSS) of human bax protein. This amino acid sequence is NOT shared by mouse and rat bax protein.</p> <p>Conjugate</p> <p>Unconjugated</p> <p>See Additional Formats</p> <p>Form</p> <p>Liquid</p> <p>Concentration</p> <p>0.2 mg/mL</p> <p>Purification</p> <p>Protein G</p> <p>Storage buffer</p> <p>PBS, pH 7.4, with 0.2% BSA</p> <p>Contains</p> <p>0.09% sodium azide</p> <p>Storage conditions</p> <p>4° C</p> <p>RRID</p> <p>AB_11004781</p>					
47	<p>Invitrogen</p> <p>Bcl-2 Monoclonal Antibody (124)</p> <p>Catalog # MA1-26233</p> <p>Western Blot (WB)</p> <p>1:100-1:750</p> <p>View 1 publication</p> <p>Immunohistochemistry (IHC)</p> <p>-</p> <p>View 1 publication</p> <p>Immunohistochemistry (Paraffin) (IHC (P))</p> <p>1:15-1:50</p> <p>-</p> <p>Immunohistochemistry (Frozen) (IHC (F))</p>	250 µL	300	1	300	<p>Thermo Fisher scientific</p> <p>"eBioscience" / USA, Europe</p>

	1:15-1:50 - Immunoprecipitation (IP) 1:100-1:750 - Species Reactivity Human Published species Human Host/Isotype Mouse / IgG1 Class Monoclonal Type Antibody Clone 124 Immunogen Recombinant, peptide sequence corresponding to residues 41-54 of Bcl-2 oncoprotein. Conjugate Unconjugated Form Liquid Concentration Conc. Not Determined Storage buffer tissue culture supernatant Contains <0.1% sodium azide Storage conditions 4° C, do not freeze RRID AB_779361					
49	Invitrogen	500 µL	275	1	275	Thermo Fisher

<div>CDK4 Monoclonal Antibody (DCS-31)</div> <div>Catalog # AHZ0202</div> <div>Western Blot (WB) Assay-Dependent View 6 publications Immunohistochemistry (IHC) -View 14 publications Immunohistochemistry (Paraffin) (IHC (P)) -View 6 publications Immunocytochemistry (ICC/IF) Assay-dependent View 2 publications Flow Cytometry (Flow) Assay-Dependent -Immunoprecipitation (IP) Assay-Dependent -Miscellaneous PubMed (Misc) -View 11 publications Species Reactivity Human, Mouse, Rat Published species Human, Rabbit, Tag Host/Isotype Mouse / IgG1 Class Monoclonal Type Antibody Clone DCS-31 Immunogen Purified recombinant cdk4 protein.</div>					<div>scientific</div> <div>"eBioscience" / USA, Europe</div>
--	--	--	--	--	--

	Conjugate Unconjugated Form Liquid Concentration 0.2 mg/mL Purification Protein G Storage buffer PBS, pH 7.4, with 0.2% BSA Contains 0.09% sodium azide Storage conditions 4° C RRID AB_2536376					
50	Invitrogen CDK2 Monoclonal Antibody (SP80) Catalog # MA5-16346 Applications Tested Dilution Publications Western Blot (WB) 1:50 - 1:100 - Immunohistochemistry (Paraffin) (IHC (P)) 1:50 - 1:100 - Immunocytochemistry (ICC/IF) 1:100 Species Reactivity	500 µL	415	1	415	Thermo Fisher scientific "eBioscience" / USA, Europe

	<p>Human, Mouse, Rat</p> <p>Host/Isotype</p> <p>Rabbit / IgG</p> <p>Class</p> <p>Monoclonal</p> <p>Type</p> <p>Antibody</p> <p>Clone</p> <p>SP80</p> <p>Immunogen</p> <p>Synthetic peptide corresponding to C-terminus of human CDK2 protein.</p> <p>Conjugate</p> <p>Unconjugated</p> <p>Form</p> <p>Liquid</p> <p>Purification</p> <p>Protein A/G</p> <p>Storage buffer</p> <p>PBS, pH 7.6, with 1% BSA</p> <p>Contains</p> <p>0.1% sodium azide</p> <p>Storage conditions</p> <p>4° C, do not freeze</p> <p>RRID</p>					
	AB_2537865					
52	<p>Invitrogen</p> <p>Cyclin E Monoclonal Antibody (HE12)</p> <p>Catalog # MA5-14336</p> <ul style="list-style-type: none"> • Product Specifications • Species Reactivity • Human, Mouse • Published species 	500 µL	330	1	330	<p>Thermo Fisher scientific</p> <p>"" / USA, Europe</p>

	<ul style="list-style-type: none"> • Human, Mouse • Host/Isotype • Mouse / IgG1 • Class • Monoclonal • Type • Antibody • Clone • HE12 • Immunogen • Recombinant human cyclin E protein • Conjugate • Unconjugated • Form • Liquid • Concentration • 0.2 mg/mL • Purification • Protein G • Storage buffer • PBS, pH 7.4, with 0.2% BSA • Contains • 0.09% sodium azide • Storage conditions • 4° C • RRID • AB_10984356 					
57	<p>Maxime™ RT PreMix Kit (Random Primer), 20 ul 25082 Comes ready in PCR tubes just add your RNA Template Description Dried & aliquoted RT PreMix Kit for simple and rapid cDNA synthesis from prokaryotic and eukaryotic RNA</p> <ul style="list-style-type: none"> • • Excellent cDNA synthesis rate by OptiScript™ RT System 	96 tubes/ kit	110	2	220	iNtRON Biotechnology/ South Korea

	<ul style="list-style-type: none">• cDNA synthesis from a variety of RNAs by random primers• Unnecessary for thermal pretreatment to solve secondary structure of RNA, possible for rapid reversibility• Dried & aliquoted RT PreMix, All-in-one type<ul style="list-style-type: none">- All components for reaction in dried pellet in a tube- Needed template and RNase free DW only for cDNA synthesis• High stability and reproducibility<ul style="list-style-type: none">- Excellent reproducibility with dried & aliquoted PreMix by ALHP system- Protection from oxidation and humidity by vacuum packaging <p>Maxime™ RT PreMix Kit (Random Primer) is a product that makes cDNA synthesis simple and fast from various RNAs such as prokaryotic and eukaryotic cells. This product is a product that can perform cDNA synthesis process in 1 step in a PCR tube using PCR machine unlike conventional 2 steps cDNA synthesis (RNA denaturation, cDNA synthesis). Maxime™ RT PreMix Kit (Random Primer) contains all components (Random Primer, dNTP mixture, Reaction buffer, etc.) required for RT reaction including OptiScript™ RT System, and it is contained in each PCR tube with dried pellet state by ALHP system. Because of this, it is possible to remarkably reduce the experimental error in pipetting between the experimenters, so the reproducibility is very high. With vacuum packaging method, it has excellent stability of activity due to the oxidation and moisture prevention of major components in the product. In addition, this product can synthesize cDNA easily with template RNA and RNase free DW addition. This product contains random hexamer to easily apply to cDNA synthesis for various living organism RNA as well as eukaryotic RNA.</p> <p>Applications:</p> <ul style="list-style-type: none">• 01First strand cDNA synthesis• 02Construction of full length cDNA libraries• 03Real-time RT-PCR• 04RT-PCR• 05DNA labeling06Primer extension <table><tr><td>Contents</td><td>25082</td></tr></table>	Contents	25082					
Contents	25082							

	<table><tr><td>Maxime™ RT PreMix Kit(Random Primer)</td><td>96 tubes</td></tr><tr><td>Manual</td><td>1 ea</td></tr></table> <p>Component in 20 ml reaction</p> <ul style="list-style-type: none">• OptiScript™ RT System• Reaction Buffer• RNase Inhibitor• Primer – Random Primer• Stabilizer• dNTP Mixture	Maxime™ RT PreMix Kit(Random Primer)	96 tubes	Manual	1 ea					
Maxime™ RT PreMix Kit(Random Primer)	96 tubes									
Manual	1 ea									
58	1 Liter Nuclease Free Water Cat # 11-05-01-04	1 Lit	65	2	112	Integrated DNA Technologies I DT/ USA, BE				
59	5 mL PrimeTime® Gene Expression Master Mix Cat#1055772 PrimeTime Gene Expression Master Mix is a 2X solution containing a hot-start antibody, Taq polymerase, and other components needed for probe-based qPCR in two-step RT-PCR experiments. Reference dye is included separately. <ul style="list-style-type: none">• Achieve high efficiency qPCR with fast or standard cycling• Use one mix for singleplex or multiplex reactions• Rely on exceptional benchtop stability to obtain consistent results from overnight experiments• Explore license-free options for commercial or diagnostic use	5 ml	450	1	450	IDT “Integrated DNA Technologies”/ USA				
61	Predesigned qPCR Assays Assay ID# Hs.PT.39a.22214836	500 Reactions (20µL)	200	1	200	Integrated DNA Technologies IDT/ USA, BE				

	Dye-Quencher Mod 6-FAM/TAMRA Gene Query: GAPDH <ul style="list-style-type: none"> • NCBI gene Symbol: GAPDH • Ref Seq#: NM_002046(1) • Detect all Variants: Yes • Exon Location: 2 - 3 					
62	Predesigned qPCR Assays Assay ID#Hs.PT.58.39676686 Dye-Quencher Mod 6-FAM/TAMRA Gene Query: P53 <ul style="list-style-type: none"> • NCBI gene Symbol: TP53 • Ref Seq#: NM_001126113(9) • Detect all Variants: NO • Exon Location: 1 - 2 	500 Reactions (20µL)	200	1	200	Integrated DNA Technologies IDT/ USA, BE
63	Predesigned qPCR Assays Assay ID#Hs.PT.56a.19141193.g Dye-Quencher Mod 6-FAM/ZEN/IBFQ Gene Query: BAX <ul style="list-style-type: none"> • NCBI gene Symbol: BAX • Ref Seq#: NM_138763(5)) • Detect all Variants: YES 	500 Reactions (20µL)	200	1	200	Integrated DNA Technologies IDT/ USA, BE

	<ul style="list-style-type: none"> Exon Location: 2 - 4 					
63-B	<p>Predesigned qPCR Assays Assay ID#Hs.PT.56a.19141193.g Dye-Quencher Mod</p> <p>6-FAM/ZEN/IBFQ</p> <p>Gene Query: BCL2</p> <ul style="list-style-type: none"> NCBI gene Symbol: BCL2 Ref Seq#: NM_000657(2) Detect all Variants: YES Exon Location: 1 - 3 	500 Reactions (20µL)	200	1	200	Integrated DNA Technologies IDT/ USA, BE
64	<p>Predesigned qPCR Assays Assay ID#Hs.PT.56a.25882379.g Dye-Quencher Mod</p> <p>6-FAM/ZEN/IBFQ</p> <p>Gene Query: CASP3</p> <ul style="list-style-type: none"> NCBI gene Symbol: CASP3 Ref Seq#: NM_004346(2) Detect all Variants: YES Exon Location: 4 - 5 	500 Reactions (20µL)	200	1	200	Integrated DNA Technologies IDT/ USA, BE
65	<p>Predesigned qPCR Assays Assay ID#Hs.PT.58.26770695 Dye-Quencher Mod</p> <p>6-FAM/TAMRA</p>	500 Reactions (20µL)	200	1	200	Integrated DNA Technologies IDT/ USA, BE

	Gene Query: c-Myc <ul style="list-style-type: none"> NCBI gene Symbol: MYC Ref Seq#: NM_002467(1) Detect all Variants: YES Exon Location: 2 - 3 Scale: Mini - 100 Reactions (20µL)					
66	Predesigned qPCR Assays Assay ID# Hs.PT.58.15049687 Dye-Quencher Mod 6-FAM/ZEN/IBFQ <ul style="list-style-type: none"> Gene Query: STAT1 NCBI gene Symbol: STAT1 Ref Seq#: NM_007315(2) Detect all Variants: YES Exon Location: 7 - 8	500 Reactions (20µL)	200	1	200	Integrated DNA Technologies IDT/ USA, BE
67	Predesigned qPCR Assays Assay ID#Hs.PT.58.40355791 Dye-Quencher Mod 6-FAM/ZEN/IBFQ <ul style="list-style-type: none"> Gene Query: MAPK14 NCBI gene Symbol: MAPK14 Ref Seq#: NM_001315(4)) Detect all Variants: YES Exon Location: 1 - 2	500 Reactions (20µL)	200	1	200	Integrated DNA Technologies IDT/ USA, BE
71	Reversible 56-Well Rack Cat#P1095-S	Each	4	5	20	ExtraGene/ Taiwan

	Reversible 56-Well Rack <ul style="list-style-type: none"> Racks placed 56 wells for 1.5ml - 2.0ml tubes and 56 wells for 0.5ml on the other side. Polypropylene rack is ideal for freezer storage. Autoclavable. 					
74	Tris-Borate-EDTA buffer, 10X, 1 L Cat#sc-296650 Tris-Borate-EDTA (TBE) buffer, 10X is the most commonly used buffer for DNA and RNA polyacrylamide gel electrophoresis. TBE is used with non-denaturing or denaturing (7 M urea) gels. It is also routinely used for DNA automated sequencing gel. TBE can also be used for agarose gels but is not recommended for preparative gels for recovery of nucleic acids. Since borate in TBE buffer is a strong inhibitor for many enzymes, TAE buffer (Tris Acetate-EDTA buffer, 10X powder, sc-296647) is recommended when looking at enzymatic applications for the DNA sample. Usage :Ready for use after dilution to working concentrations. Dilution of the TBE stock concentrates to a 1X TBE running buffer results in a buffer containing 89 mM Tris-borate and 2 mM EDTA, pH 8.3. The 5X or 10X stocks may also be added to an acrylamide/bis-acrylamide stock solution for making the PAGE gel. <ul style="list-style-type: none"> Formulation: 10X Solubility: soluble in water PH :~8.3 Storage: Store at room temperature 	1 L	45	2	90	Santa Cruz biotechnology/ USA
78	GSH Assay Kit (Colorimetric) (ab239727) Specific References (3) Description: GSH Assay Kit (Colorimetric) Sample type: Cell Lysate, Tissue Homogenate Key features and details <ul style="list-style-type: none"> Detection method: Colorimetric Platform: Microplate reader Sample type: Cell Lysate, Tissue Homogenate 	100 tests	620	1	620	Abcam/UK

82	HCT 116 Cat#:CCL-247 <p>The HCT 116 cell line was isolated from the colon of an adult male, colon cancer patient. It has a mutation in codon 13 of the ras proto-oncogene and can be used as a positive control for PCR assays of mutation in this codon.</p> <p>Product category: Human cells Organism: Homo sapiens, human Morphology: epithelial Tissue Large intestine; Colon Disease Carcinoma; Colorectal Applications: 3D cell culture Cancer research High-throughput screening Toxicology Product format: Frozen Storage conditions: Vapor phase of liquid nitrogen</p>	Freeze-dried	850	1	850	ATCC -USA
83	HT-29 Cat#: HTB-38 <p>HT-29 is a cell line with epithelial morphology that was isolated in 1964 from a primary tumor obtained from a 44-year-old, White, female patient with colorectal adenocarcinoma. This cell line is a suitable transfection host and has applications in cancer and toxicology research.</p> <p>Product category: Human cells Organism Homo sapiens, human Morphology epithelial Tissue: Colon Disease Adenocarcinoma; Colorectal Applications 3D cell culture Cancer research High-throughput screening Toxicology Product format Frozen Storage conditions Vapor phase of liquid nitrogen</p>	Freeze-dried	850	1	850	ATCC -USA
84	CCD-18Co Cat#: CRL-1459 <p>Product category: Human cells</p>	Freeze-dried	850	1	850	ATCC -USA

	Organism: Homo sapiens, human Morphology: fibroblast Tissue: Colon Disease: Normal Applications: 3D cell culture Product format: Frozen Storage conditions: Vapor phase of liquid nitrogen					
85	Cell Counting Kit 8 (WST-8 / CCK8) (ab228554) Reviews (1) Specific References (65) Description: Cell Counting Kit 8 (WST-8 / CCK8) Sample type: Adherent cells, Suspension cells Key features and details <ul style="list-style-type: none"> Detection method: Colorimetric Platform: Microplate reader Sample type: Adherent cells, Suspension cells 	1000 tests	230	1	230	Abcam/UK
86	TRYPAN BLUE 0.4% SOLN, 100 mL Catalog Number: SV30084.01	100ml	25	4	100	Cytiva/ USA, EU
91	PBS W/O CA and MG Cat# ECB4004L	500ML	6.8	40	272	EuroClone/Italy
92	DAPI Staining Solution (ab228549) Reviews (1) Specific References (49) Description: DAPI Staining Solution Sample type: Adherent cells, Suspension cells DAPI Staining Solution (ab228549) is a fluorescent stain for labeling DNA in fluorescence microscopy. Since DAPI passes through an intact cell membrane, it can be used to stain live cells and fixed cells.	2 ml	115	1	115	Abcam/UK
93	eBioscience™ Annexin V Apoptosis Detection Kits Cat#: BMS500FI-300	300 tests / KIT	390	1	390	Thermo Fisher scientific

	Description	eBioscience Annexin V-FITC Apoptosis Detection Kit						"eBioscience" / USA, Europe
	Excitation/Emission	488, 535/520, 617						
	For Use With (Equipment)	Flow Cytometer						
	Shipping Condition	Wet Ice						
	Conjugate	FITC, Propidium Iodide						
	Kit Contents	Contains: <ul style="list-style-type: none"> • Binding Buffer (4X), 1 bottle (50 mL) • rh Annexin V-FITC, 1 vial (1.5 mL) • Propidium Iodide (20 µg/mL), 2 vials (1.8 mL) 						
	Product Type	Apoptosis Detection Kit						
	Unit Size	300 tests						
94	RedSafe™ Nucleic Acid Staining Solution Cat# 21141 Description RedSafe™ Nucleic Acid Staining Solution (20,000x) is a new and safe nucleic acid staining reagent, a substitute for EtBr (ethidium bromide) The RedSafe™ Nucleic Acid Staining Solution exhibits two fluorescence excitation maxima at 309 nm and 419 nm when bound to nucleic acids and is visible at a wavelength of 514 nm. RedSafe™ Nucleic Acid Staining Solution is as sensitive as EtBr and its usage is similar to EtBr. Compared with EtBr, a potent carcinogen, RedSafe™ Nucleic Acid Staining Solution showed almost no mutation in the Ames test and negative results in mouse marrow chromophilous erythrocyte micronucleus test and mouse spermary spermatocyte chromosomal aberration test. Therefore, we strongly recommend that you select			1 ml	55	1	55	iNtRON Biotechnology/ South Korea

	RedSafe™ Nucleic Acid Staining Solution (20,000x) instead of EtBr to identify nucleic acids on agarose gel. Applications <ul style="list-style-type: none"> • Separated by agarose gel electrophoresis Identification of DNA / RNA bands • Without mutation caused by EtBr Separate the subcloned DNA fragment RT (Room Temperature)					
98	L-Glutamine 100X (200 mM) ECB3000D Unit: 100ml L-glutamine is an essential amino acid required for cell culture growth.	100 ml	9	4	36	EuroClone/Italy
100	EUROMED freezing II medium with 20% FBS & 10% DMSO Liquid – frozen cat# ECM0628N Cryopreservation is a procedure to stabilize cells at cryogenic temperatures for longterm storage in liquid nitrogen. During the freezing process the usage of cryoprotectiveadditives protects fragile membranes and organelles of the cells by minimizing thedamage associated with ice crystal formation. Composition Euromed Freezing containsDMEM with FBS and DMSO. Features Ready to use solution Contains cryoprotectiveagents to minimize dehydration effects High viability of cells after thawingCryopreservation protocol - Count the number of viable cells to be cryopreserved. Cells should be in mid-log phase of growth. Centrifuge the cells for 5 min to pellet cells (200to 400 x g). Remove the supernatant down to the smallest volume without disturbing thecells. - Resuspend cells in pre-cooled (4°C to 8°C) Euromed Freezing to a concentrationof 1- 5 x 10⁶ cells/ml. - Aliquot into cryogenic storage vials. Place vials at 4°C and startthe freezing procedure within 5 min. - Cells are frozen slowly at 1°C/min (byprogrammable coolers or by placing vials in an insulated box in a -70°C to -90°Cfreezer). - Storage vials in the gas phase of liquid nitrogen. Storage and Stability Store at- 20°C Once thawed store at 4-8°C , it is stable for 4 weeks freez-thaw cycles are notrecommended, prepare aliquots and refreeze.	50ml	75	2	150	EuroClone/Italy

105	Syringe Filter Nylon 25mm ,0.45µm sterile Cat# B25NY045-S ➤ NYLON membrane (Sterilized, Individual pack) Pore Size(µm): 0.45 Diameter (mm): 25 Nylon filter devices are designed for sterilization and clarification of aqueous and solvent samples in a wide array of analytical and research applications. They are primarily used to filter small aqueous and organic samples with low hold-up volume in order to inject them directly into the HPLC sample loop systems.	50/ package	40	2	80	ExtraGene/Taiwan
107	Cell Culture Plate 4well Cat#: 30004 Designed to prevent cross contamination <ul style="list-style-type: none"> ▪ Effective gas exchange lid inner design ▪ Alphanumeric labeling ▪ USP guideline compliant (USP class VI tested) ▪ ANSI guideline compliant ▪ Mouse Embryo Assay (MEA) test passed ▪ Non – pyrogenic ▪ Non – cytotoxic ▪ Non – genotoxic ▪ Non – mutagenic ▪ DNase / RNase – free ▪ Human DNA – free 	120/ box	150	1	150	SPL Life science / South Korea
108	Cell Culture Plate, PS, 96 well, Black, 85.4x127.6mm, Flat Bottom, TC treated, Sterile Cat # 30296 Black plates are designed for minimum light scattering and cross-talk during fluorescence assay. HTS (High-Throughput Screening) compatible	50 Plates/ Pack	65	1	65	SPL Life science / South Korea

	<ul style="list-style-type: none"> ▪ Suitable for fluorescence assay, luminescence assay ▪ Non-treated for suspension culture (Cat. No. 30396, 30496) ▪ Designed to prevent cross contamination ▪ Effective gas exchange lid inner design ▪ Alphanumeric labeling ▪ Homogeneous cell culture ▪ Flat bottoms ▪ USP guideline compliant (USP class VI tested) ▪ ANSI guideline compliant <ul style="list-style-type: none"> ▪ Non – pyrogenic ▪ Non – cytotoxic ▪ DNase / RNase – free ▪ Human DNA – free <p><u>External Dimension: 85.40 x 127.60 x 14.40</u></p> <p><u>(mm)</u></p> <p>Well Dimension: 6.50 x 10.80 (mm)</p> <p><u>Growth Area: 0.33</u> <u>(cm²)</u></p> <p>Working Volume: 0.20 (ml)</p>					
122	<p>Cell Scraper, PS/LDPE, Length 237mm, Blade Width 13mm, Sterile 90020</p> <p>Cell Scrapers are specially designed to facilitate the collection of attached cells on culture dishes, flasks, or plates. Sterilization and individual packing eliminate possible chances of contamination during cell culture and scraper handling.</p> <ul style="list-style-type: none"> ▪ Ideal for the manual harvesting of cells ▪ Soft Blade, made of LDPE, for gentle collection of cells without damages 	100/box	65	1	65	SPL Life Science/ Korea

	<ul style="list-style-type: none"> • Available in 3 different width types: 13 / 20 / 30 mm • Non – pyrogenic • Non – cytotoxic • DNase / RNase – free • Human DNA – free 					
123	<p>Luminescent ATP Detection Assay Kit (ab113849)</p> <p>Key features and details</p> <p>Assay type: Quantitative</p> <p>Detection method: Luminescent</p> <p>Platform: Microplate reader</p> <p>Assay time: 30 min</p> <ul style="list-style-type: none"> • Sample type: Adherent cells, Suspension cell <p>Detection method</p> <p>Luminescent</p> <ul style="list-style-type: none"> • Sample type <p>Adherent cells, Suspension cells</p> <ul style="list-style-type: none"> • Assay type <p>Quantitative</p> <ul style="list-style-type: none"> • Assay time <p>0h 30m</p> <ul style="list-style-type: none"> • Product overview <p>Luminescent ATP Detection Assay Kit (ab113849) is used to measure the level of ATP within the cell. The luminescent ATP assay protocol involves lysis of the cell sample, addition of luciferase enzyme and luciferin, and measurement of the emitted light using a tube or microplate-based luminometer. This kit irreversibly inactivates ATP degrading enzymes (ATPases) during the lysis step, ensuring that the luminescent signal obtained truly corresponds to the endogenous levels of ATP.</p> <p>Luminescent ATP assay protocol summary:</p> <ul style="list-style-type: none"> - add ATP standard into standard wells and media into control wells in same plate containing cells to be analyzed - add detergent solution and incubate for 5 min to lyse cells and stabilize ATP 	300 tests	295	1	295	Abcam/UK

	- add substrate solution and incubate for 5 min - store plate in dark for 10 min - analyze on luminescenceplate reader					
126	Poly (D, L-lactide-co-glycolide);lactide:glycolide (50:50);ester terminated;MW 54000-69000Da Cat#:FP180578 TECHNICAL DATA: <hr/> CAS No: 26780-50-7 <hr/> Product Code: FP180578	10 g	1057	1	1057	Carbosynth/ USA, EUR, UK, Asia
144	UltraCruz® Nitrocellulose Pure Transfer Membrane, 0.22 µm, 30cmx3m roll - sc-3718 <ul style="list-style-type: none"> Nitrocellulose pure transfer membrane is an unsupported nitrocellulose membrane that is most effective for protein or immunoblotting applications. Nitrocellulose pure transfer membrane is cellulose acetate free, assuring high binding and sensitivity with low backgrounds. Nucleic acid binding is 100 µg/cm². 0.22 µm pore size nitrocellulose membrane is recommended for peptides and low molecular weight proteins (<13,000 Daltons). 0.45 µm pore size nitrocellulose membrane is recommended for higher molecular proteins (13 kDa-400 kDa). Nitrocellulose membrane is easily blocked. Nitrocellulose membrane is compatible with isotopic, chemiluminescent luminol, colorimetric, and fluorescence imaging. Applications: Western Blot, Immunoblot, Southern Blot, Northern Blot, Dot Blot, Radiolabelled, chromogenic and chemiluminescent detection systems 	1 roll	395	1	395	Santa Cruz Biotechnology/ USA
المجموع		سبعة عشر ألفا وتسعمائة وتسعة وتسعون دينارا فقط			17,999.000	

الكشف رقم (2) المواد المحالة لقرار الاحالة رقم (2022/15) على السادة شركة الجينوم الطبية للعطاء رقم (2022/10) الخاص ب "توريد مستهلكات طبية"

No.	cat#	Description	Unit	Qty	Unit Price	Tax 16%	Total with tax	Origin	Delivery time
3	10426892	Whatman™ Grade GB003 Blotting Paper Ensures that no contamination will occur during the transfer steps. Whatman™ Grade GB003 Blotting Paper eliminates sheet to sheet variations with precisely cut membrane sizes. <u>Dimensions (LxW) 58 cm x 60 cm</u>	Sheet (Pack of 50)	1	435.00	69.60	504.60	Cytiva, International	4-20 Weeks
5	37542	StartingBlock™ (TBS) Blocking Buffer Block membranes, plates and other samples with these <u>ready-to-use TBS formulations</u> of a special protein blocker for exceptional nonspecific blocking and broad compatibility.	1L	2	322.00	51.52	747.04	Thermo Scientific, International	4-20 Weeks
7	M6250-100ML	2-Mercaptoethanol ≥99.0% Synonym(s): β-Mercaptoethanol, BME, Thioethylene glycol, 2-Hydroxyethylmercaptan Linear Formula: HSCH ₂ CH ₂ OH CAS Number:60-24-2	100 ml	1	85.00	13.60	98.60	Sigma International	4-20 Weeks
17		Prestained Protein Ladder three-color protein standard with 10 pre-stained proteins covering a wide range of molecular weights from 6.5 to 270 kDa. Prestained Protein Ladder is a combination of 10 pre-stained proteins with molecular weights from 6.5 to 270 kDa. The 10 recombinant proteins are covalently coupled with blue chromophore, while 2 orange bands at 30 kDa and 270 kDa and a green band at 52 kDa serve as reference bands.	500 ul	1	89.00	14.24	103.24	GeneDirex/ Biohelix/Cleaver USA/UK/TW	4-20 Weeks
21	S0588	Sodium Dodecyl Sulfate [for Electrophoresis] SDS CAS: 151-21-3 MF: C ₁₂ H ₂₅ NaO ₄ S MW: 288.38	25 g	1	25.00	4.00	29.00	TCI, Japan/ International	4-20 Weeks
24	GWK2245-500ML	DMSO Dimethyl sulfoxide Purity (GC): ≥ 99.0% DMSO is a widely used solvent essential in many biochemistry, cell biology and molecular biology applications.	500 ml	1	24.00	3.84	27.84	Genochem EU	4-20 Weeks

25	GWE6204-100G	Ammonium persulfate Assay (Titration): 97.5 - 102.5 % Synonyms: Ammonium persulphate; Ammonium peroxodisulfate CAS: 7727-54-0 MF: H8N2O8S2 MW: 228.19 Product Categories: Biochemicals Reagents for Gel Electrophoresis of DNA/RNA Reagents for Gel Electrophoresis of Proteins Reagents for Western Blotting	100 g	1	43.55	6.97	50.52	Genochem EU	4-20 Weeks
26	A17157.36	Acrylamide, 98+% Acrylamide is used as a monomer in the synthesis of polyacrylamides, which finds application as water- soluble thickeners in waste water treatment, gel electrophoresis, ore processing and dyes production. In molecular biology, it is used as a carrier as well as involved in the precipitation of small amounts of DNA. It plays an important role as an intermediate in the preparation of N- methylol acrylamide and N- butoxyacrylamide.	500 g	1	67.73	10.84	78.57	Thermo Scientific, International Alfa Aesar	4-20 Weeks
40	MBS2535796	Caspase-9, Polyclonal Antibody Cleaved-Caspase-9 p35 (D315) Polyclonal Antibody Host: Rabbit / Reactivity: Human Purification: Antigen Affinity Purified Isotype/Clone: Isotype: IgG Applications: Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), ELISA (EIA)	0.1 ml	1	226.00	36.16	262.16	Mybiosource USA	4-20 Weeks
44	MBS8812806	anti-p21 antibody :: Rabbit p21 Polyclonal Antibody Clonality: Polyclonal Host: Rabbit Species Reactivity: Human, Mouse, Rat Form/Format: PBS with 0.02% sodium azide and 50% glycerol pH7.4. Concentration: 1mg/ml (lot specific) Applications Tested/Suitable for anti- p21 antibody Western Blot (WB), Immunohistochemistry (IHC), ELISA (EIA)	0.1 mL	1	209.00	33.44	242.44	Mybiosource USA	4-20 Weeks

50-B	GW0568R	Rabbit Anti-CDK6 antibody Organism Species Rabbit Clonality Polyclonal React Species Human, Mouse, Rat, Dog, Cow, Horse, Applications WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 Flow-Cyt=1ug/test IF=1:100-500 (Paraffin sections need antigen repair) Lsotype IgG	100 ul	1	145.00	23.20	168.20	Genochem, EU/ International	4-20 Weeks
53	GWM33139M	Mouse Anti-beta-Actin antibody Organism Species Mouse Clonality Monoclonal React Species Human, Mouse, Rat, Dog, Monkey, Applications WB=1:2000-5000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 (Paraffin sections need antigen repair) Lsotype IgG	100 ul	3	99.00	15.84	344.52	Genochem, EU/ International	4-20 Weeks
54	MBS9719115	anti-H3 antibody :: Mouse Histone H3 Monoclonal Antibody Product Gene Name anti-H3 antibody Clonality Monoclonal Isotype Mouse IgG1 Host Mouse Species Reactivity Human, Mouse, Rat, Yeast, Rice Application Notes for anti-H3 antibody WB: IHC-P: IF: IP	0.2 mL	1	122.00	19.52	141.52	Mybiosource USA	4-20 Weeks
60	PP-210L	Total RNA Purification Kit - Column Kit Isolation of total RNA by silica-gel membrane adsorption Description: Total RNA Purification Kit is designed for rapid, high purity and high yield isolation of total RNA from small amounts of various samples including blood, animal and plant tissue, bacteria and viruses. The spin column based method allows complete removal of inhibitors such as divalent cations and proteins. Due to elimination of phenol, handling of the kit is safe and no harmful waste is produced. The purified total RNA can be used in a number of downstream applications. The kit allows the purification of up to 100 µg RNA per preparation.	250 prep.	1	440.00	70.40	510.40	Jenabioscience, Germany	4-20 Weeks
69	PCR-TS	Microplate Sealing Film For applications ranging from PCR and Real-Time PCR to ELISA and cell culture	100/box	1	20.00	3.20	23.20	Axygen, USA/International	4-20 Weeks

76	GW0583-100T-48S	Superoxide Dismutase(SOD) Activity Assay Kit Detection Device: Microplate reader Application: Superoxide dismutase (SOD, EC 1.15.1.1) is a metalloenzyme which can remove superoxide free radical from organisms. SOD catalyzes the disproportionation of the superoxide anion into molecular oxygen or hydrogen peroxide. SOD is not only the scavenging enzyme of superoxide anion, but also the main enzyme involved in the formation of H ₂ O ₂ . So it plays an important role in the biological antioxidant system. Superoxide anion (O ₂ ⁻) is produced by the xanthine and xanthine oxidase reaction system, and O ₂ ⁻ can reduce blue tetrazole to form blue formazan, which has absorbance in 560 nm. Since the absorbance at 560 nm has positive correlation with the amount of superoxide anion, the SOD activity can be determined by measuring the decrease in the color development at 560 nm.	100T-48S	2	99.00	15.84	229.68	Genochem EU	4-20 Weeks
77	GW0579-100T-96S	Catalase(CAT) Activity Assay Kit Application: CAT is an enzyme found broadly in animals, plants, microorganisms and cultured cells, It is the main enzyme of clearing H ₂ O ₂ , which plays an important role in the active oxygen scavenging system. H ₂ O ₂ has characteristic absorption peak at 240 nm. It can be decomposed into water and oxygen by CAT which makes the absorbance of reagent at 240 nm decreases. The activity of CAT can be calculated according to the change rate of absorbance.	100T-96S	1	99.00	15.84	114.84	Genochem EU	4-20 Weeks

79	GW0612-100T-96S	<p>Adehyde (MDA) content assay kit</p> <p>Method : Micro-method</p> <p>Significance: Oxygen free radicals act on unsaturated fatty acids of lipids to generate lipid peroxidation. The latter gradually breaks down into a series of complex compounds, including MDA. Lipid oxidation levels can be measured by detecting MDA levels.</p> <p>Determination principle: MDA was combined with thiobarbituric acid (TBA) to produce red product, which had the maximum absorption peak at 532nm. After colorimetry, the content of lipid peroxide in S product could be estimated. At the same time, the absorbance at 600nm was measured, and the content of MDA was calculated by the difference between the absorbance at 532nm and 600nm.</p> <p>Equipment needed, consumables: Visible spectrophotometer/microplate, water bath, table centrifuge, adjustable pipette, microglass cuvette / 96-well plate, mortar, ice and distilled water.</p>	100T/96S	1	99.00	15.84	114.84	Genochem EU	4-20 Weeks
----	-----------------	---	----------	---	-------	-------	--------	-------------	------------

80	MBS9711517	JC-1 assay kit :: Mitochondrial Membrane Potential Assay Kit Principle of the Assay: Mitochondrial Membrane Potential Assay Kit (JC-1) provides a simple method for distinguishing between healthy and apoptotic cells by detecting the changes in the mitochondrial transmembrane potential, based on a carbocyanine dye, JC-1. In healthy cells, this dye accumulates and aggregates in the mitochondria, where it forms bright red fluorescent agglomerates. Any event that dissipates the mitochondrial membrane potential prevents the accumulation of the JC-1 dye in the mitochondria and thus, the dye remains in the cytoplasm in its monomer form, leading to a shift from red (agglomerated JC-1, Ex/Em = 585/590 nm) to green fluorescence (JC-1 monomers, Ex/Em = 510/527 nm). JC-1 can be used as an indicator of mitochondrial potential in a variety of cell types, including myocytes and neurons, as well as in intact tissues and isolated mitochondria. This kit contains CCCP that causes an uncoupling of the proton gradient, which established during the normal activity of electron carriers in the electron transport chain, and thus, dissipates the mitochondrial electrochemical potential and may be used as a control that prevents JC-1	100 Tests	1	210.00	33.60	243.60	Mybiosource USA	4-20 Weeks
----	------------	--	-----------	---	--------	-------	--------	--------------------	---------------

81	MBS9719224	<p>ROS assay kit :: Reactive Oxygen Species (ROS) Features & Benefits provides a simple, sensitive, rapid ROS detection method. based on the fluorescent probe DCFH-DA. suitable for flow cytometry or fluorescence microscopy. Provides detailed sample preparation and results calculation methods. Reactive Oxygen Species: ROS Detection Assay Kit provides a simple, sensitive, rapid ROS detection method. ROS detection is based on the fluorescent probe DCFH-DA. DCFH-DA is a cell-permeable sensitive probe used to detect intracellular reactive oxygen species: ROS This probe could be hydrolyzed into DCFH by esterase in the cell while passing through the living cell membrane. DCFH is no fluorescence and cannot transmit the cell membrane, which then can be could be oxidated by ROS and produce the fluorescent DCF. Then the fluorescent could be detect by flow cytometry or fluorescence microscopy, and according which the level of cellular reactive oxygen species can be analyzed.</p>	100 Tests	1	196.00	31.36	227.36	Mybiosource USA	4-20 Weeks
88	GWP6168-5G	<p>5-Fluorouracil Synonyms: 2,4-Dihydroxy-5-fluoropyrimidine; 5-FU; 5-Fluoro-2,4(1H,3H)-pyrimidinedione; 5-Fluorouracil MF: C₄H₃FN₂O₂ MW: 130.08 Assay: ≥ 99.0% CAS: 51-21-8</p>	5 g	1	52.55	8.41	60.96	Genochem EU	4-20 Weeks
89	FP15726	<p>Propidium iodide Synonyms 3,8-Diamino-5-[3-(diethylmethylammonio)propyl]-6-phenylphenanthridinium diiodide Product Code FP15726 MDL No MFCD00011921 Chemical Formula C₂₇H₃₄I₂N₄ Molecular Weight 668.39 g/mol CAS No [25535-16-4]</p>	100 mg	1	119.54	19.13	138.67	Carbosynth UK	4-20 Weeks
101	BP231-100	<p>Dimethyl Sulfoxide (DMSO), DMSO is a cryopreservation agent for cells, and it can also be used in bacterial transformations.</p>	100 ml	2	28.00	4.48	64.96	Fisher, EU/ international	4-20 Weeks
106	<p>96-well Clear Flat Bottom Polystyrene TC-treated Microplates, Individually Wrapped, with Lid, Sterile,1/Pk,</p>	Each	250	0.95	0.15	275.00	Corning International	4-20 Weeks

125	GWC7458-100ML	Triton X-100, 10% solution in water Product Categories Carbohydrates Biochemicals Detergents Reagents for Gel Electrophoresis of Proteins Reagents for Western Blotting Carbohydrate Detergents	100 ml	1	23.00	3.68	26.68	Genochem, EU	4-20 Weeks
127	P8136-1KG	Poly(vinyl alcohol) 87-90% hydrolyzed, average molwt 30,000-70,000	1 kg	1	253.00	40.48	293.48	Sigma International	4-20 Weeks
128	FR02310	Rosmarinic acid Anti-cancer agent; anti-oxidant; anti- inflammatory; antimicrobial CAS No [20283-92-5] Synonyms Benzenepropanoic acid,a- [[3-(3,4-dihydroxyphenyl)-1-oxo-2- propenyl]oxy]-3,4-dihydroxy-,[R-(E)] Product Code FR02310 MDL No MFCD00017740 Chemical Formula C ₁₈ H ₁₆ O ₈ Molecular Weight 360.31 g/mol	5 g	3	145.00	23.20	504.60	Carbosynth UK	4-20 Weeks
129	GWX1780-100G	Zirconium(IV) oxychloride octahydrate Synonyms: Zirconium(IV) oxide chloride; Zirconyl chloride octahydrate MF: Cl ₂ OZr · 8H ₂ O MW: 322.25 CAS: 13520-92-8	100 g	1	90.35	14.46	104.806	Genochem, EU	4-20 Weeks
137	10109142001	RNase A from bovine pancreas Synonym(s): Rnase biological source : bovine pancreas form : dry powder specific activity 50 U/mg (+25°C, RNA as substrate) molwtMr = 13,700	25 mg	1	86.55	13.85	100.40	Sigma (Roche) International	4-20 Weeks
المجموع			خمسة آلاف وثمان مئة وواحد وثلاثون ديناراً وسبعمئة وستة وعشرون فلساً فقط				5,831.726		

الكشف رقم (3) المواد المحالة لقرار الاحالة رقم (2022/15) على السادة مؤسسة برجوان للتجهيزات الطبية و المخبرية للعطاء رقم (2022/10) "توريد مستهلكات طبية"

No	Cat #	Item Description	Unit	QTY	Unit Price	VAT %16	U.P with VAT %16	Total With VAT 16%	Supplied By	Delivery Time
23	--	Sodium Chloride	500g	1	5.000	0.800	5.800	5.800	Biobasic /Canada	=
75	M0303S	DNase I (RNase-free) Concentration: 2,000 units/ml	1,000 units	1	49.000	7.840	56.840	56.840	NEB/ USA	=
87	TRY-1B	Trypsin-EDTA (0.05 %) in DPBS (1x)	100 ml	5	7.500	1.200	8.700	43.500	Capricorn / Germany	=
95	DMEM-HA	DMEM High Glucose (4.5 g/l), with L- Glutamine	500 ml	80	5.300	0.848	6.148	491.840	Capricorn / Germany	=
96	DMEM-HXRXA	DMEM High Glucose (4.5 g/l), w/o L- Glutamine, w/o Phenol Red	500 ml	20	6.000	0.960	6.960	139.200	Capricorn / Germany	=
97	FBS-H1-11A	Fetal Bovine Serum Advanced, Heat Inactivated, Collected in South America	500 ml	4	165.000	26.400	191.400	765.600	Capricorn / Germany	=
99	PS-B	Penicillin/Streptomycin(100x)	100ml	5	6.000	0.960	6.960	34.800	Capricorn / Germany	=
102	WSP10010	10 mL serological pipettes, individually wrapped STERILE	PK/50	40	4.750	0.760	5.510	220.400	Shanghai Welso Technology/ China	=
103	WSP10005	5 mL serological pipettes, individually wrapped STERILE	Pk/50	40	4.750	0.760	5.510	220.400	Shanghai Welso Technology/ China	=
104	WSP10001	1 mL serological pipettes, individually wrapped STERILE	Pk/50	20	3.150	0.504	3.654	73.080	Shanghai Welso Technology/ China	=
110	WCCF2075	75 cm2 Cell Culture Flask, Vent Cap, TC, Sterile	Case/100	10	63.000	10.080	73.080	730.800	Shanghai Welso Technology/ China	=
113	WFT10012	Filter Tips, 10uL, ultra-long, RackSterile	96/rack	20	2.500	0.400	2.900	58.000	Shanghai Welso	=

الكشف رقم (3) المواد المحالة لقرار الاحالة رقم (2022/15) على السادة مؤسسة برجوان للتجهيزات الطبية و المخبرية للعطاء رقم (2022/10) "توريد مستهلكات طبية"

No	Cat #	Item Description	Unit	QTY	Unit Price	VAT %16	U.P with VAT %16	Total With VAT 16%	Supplied By	Delivery Time
----	-------	------------------	------	-----	------------	---------	------------------	--------------------	-------------	---------------

									Technology/ China	
114	WFT10020	Filter Tips, 20uL, Rack Sterile	96/rack	20	2.500	0.400	2.900	58.000	Shanghai Welso Technology/ China	=
115	WFT10200	Filter Tips, 200uL, RackSterile	96/rack	50	2.500	0.400	2.900	145.000	Shanghai Welso Technology/ China	=
116	WFT11000	Filter Tips, 1000uL, RackSterile	96/rack	40	2.900	0.464	3.364	134.560		=
117	WMT10020	Centrifuge Micro tubes 2.0 mL	500/pk	10	4.700	0.752	5.452	54.520		=
119	WMT10006	Centrifuge Micro tubes 0.6 mL	1000/pk	10	10.000	1.600	11.600	116.000		=
120	WCT10015	Centrifuge tubes 15 mLSterile	50/pk	10	3.800	0.608	4.408	44.080		=
121	WCT10050	Centrifuge tubes 50 mLSterile	25/pk	20	2.500	0.400	2.900	58.000		=
المجموع			ثلاثة الاف وأربعمائة وخمسون ديناراً وأربعمائة وعشرون فلساً فقط					3,450.420		

الكشف رقم (4) المواد المحالة لقرار الاحالة رقم (2022/15) على السادة مؤسسة مسعود للتجهيزات الطبية والعلمية
للعطاء رقم (2022/10) "توريد مستهلكات طبية"

#	Description	Unit	U.P	Qty	T.P	Origin
16	ECL Western Blotting Substrate, Cat: W1001 <ul style="list-style-type: none"> Chemiluminescent Substrate to Detect Horseradish Peroxidase (HRP) Conjugates on Immunoblots Detect picogram levels of protein with minimal background Non-radioactive No optimization required; easily switch from other entry-level ECL substrates 	250 ml	160.00	2	320.00	Promega/USA
48	Human p21/CIP1/CDKN1A Antibody , Cat: MAB1047 Species Reactivity: Human Immunogen: E. coli-derived recombinant human p21/CIP1/CDKN1A/ Ser2-Pro164/ Accession # P38936 Applications: Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Western Blot Label: Unconjugated Source: Monoclonal Mouse IgG2A Clone # 195720 Specificity: Detects human p21/CIP1/CDKN1A in direct ELISAs and Western blots.	200 ug	270.00	1	270.00	BioTechnne- R&D USA-UK
51	Cyclin D1 Antibody, Cat: NBP2-24695 Reactivity: Hu, Mu, Bv, Ca, Ch, Pm, Eq, Pm-Or, Ze Applications: WB, IHC, IHC-P Clonality: Polyclonal Host: Rabbit Conjugate: Unconjugated Concentration : 0.5 mg/ml	0.1 mg	290.00	1	290.00	BioTechnne- R&D USA-UK
55	Mouse IgG HRP-conjugated Antibody, Cat: HAF007 Species Reactivity: Mouse Immunogen: Mouse IgG Applications: Western Blot Label: HRP (Horseradish Peroxidase) (Emission=RP (Horseradish Peroxidase nm) Source: Polyclonal Goat IgG Specificity: Detects mouse IgG1, IgG2A, IgG2B, and IgG3 heavy and light chains in direct ELISAs and Western blots. In direct ELISAs, less than 2% cross-reactivity with human IgG and rabbit IgG is observed.	1 ml	125.00	3	375.00	BioTechnne- R&D USA-UK
56	Rabbit IgG HRP-conjugated Antibody, Cat: HAF008 Species Reactivity: Rabbit Immunogen: Rabbit IgG Applications: Western Blot Label: HRP (Horseradish Peroxidase) (Emission=RP (Horseradish Peroxidase nm) Source: Polyclonal Goat IgG Specificity: Detects rabbit IgG heavy and light chains in direct ELISAs and Western blots. In direct ELISAs, less than 5% cross-reactivity with human IgG, mouse IgG, and chicken IgY is observed.	1 ml	125.00	3	375.00	BioTechnne- R&D USA-UK
المجموع		ألف وستماية وثلاثون ديناراً فقط			1,630.000	

الكشف رقم (5) المواد المحالة لقرار الاحالة رقم (2022/15) على السادة المركز الوطني للتجهيزات الطبية للعطاء رقم (2022/10) "توريد مستهلكات طبية"

No	Item description	Unit	Qty	Unit Price	Total Price	Man/ Origin	Delivery
4	Nitrocellulose membrane roll Size/Dia : 300 mm x 3 mts Rating : 0.45 µm	Roll	1	149	149	Axiva/ India	1-3 Month
15	Aluminum foil, 45cmx60m (1Kg)	Roll	10	5.95	59.5	Local	7-30 Days
20	Tween 20	L	1	9.95	9.95	India	7-30 Days
105. a	Syringe filter, 0.22µm, sterile, packed individually	Box/ 50	2	34.8	69.6	Axiva/ India	1-3 Month
109	White polystyrene 96 well plate, without lid, sterile single pack and non treated	Each	50	0.59	29.5	Aptaca/ Italy	7-30 Days
112	Freezing vial 2ml, for cell deep freezing	Each	250	0.23	57.5	Aptaca/ Italy	7-30 Days
118	1.5ml centrifuge tube, autoclavable, Dnas and Rnas free	1000	5	8.7	43.5	Porlab/ China	7-30 Days
133	Ethanol, 96%	20L	3	39.9	119.7	Local filling	7-30 Days
135 (a)	Latex gloves, powder free, L	Pk/ 100	10	5.46	54.6	Kossan/ Malaysia	7-30 Days
138	Autoclaveblebiohazared bags, 30x50cm	Each	100	0.522	52.2	Malaysia	7-30 Days
139	Sterile absorbant gauze swabs, 20*20cm unfolded, sterile, packed individually (Box= 20 pouch, pouch=5 pcs)	Box/100	20	8.7	174	China	7-30 Days
140	Autoclave tape, approx 50m*2cm	Roll	20	3.75	75	Aptaca	7-30 Days

141	Glass laboratory bottle, 1L, clear, blue screw cap Dia. for neck 101 mm	Each	10	5.8	58	Porlab	7-30 Days
142	Glass laboratory bottle, 250ml, clear, blue screw cap Dia. for neck 70 mm	Each	20	2.69	53.8	Porlab	7-30 Days
143	Glass laboratory bottle, 100ml, clear, blue screw cap Dia. for neck 56 mm	Each	20	2.32	46.4	Porlab	7-30 Days
المجموع		ألف وإثنان وخمسون ديناراً ومئتان وخمسون فلساً			1,052.250		

الكشف رقم(6) المواد المحالة لقرار الاحالة رقم (2022/15) على السادة المجموعة العلمية المتطورة الإستشارية للعطاء رقم (2022/10) "توريد مستهلكات طبية"

No.	Qty.	Unit	Vendor Item Description	Cat No.	Unit Price JOD	Unit Price +16% Tax JOD	Unit Price Written	Total Price JOD	Manufacturer	Country of Origin	Delivery Period
68	1	Box	0.2 mL 96 Well PCR Plate, No Skirt, White, 5/bag, 25/pk, 100/box	402011	110.00	127.60	مائة و سبعة و عشرون دينار و فل600س	127.60	Nest	China	1-3 Months
70	5	Each	PCR Tube Rack, 96 Well (8*12), Individual Cap, 1/pk	407001	1.50	1.74	ثمانية دينار و فل700س	8.70	Nest	China	1-3 Months
72	5	Box	0.2 mL PCR Tubes, Flat Caps, Clear, 500/bag,1000/box	401001	20.00	23.20	مائة و ستة عشر دينار فقط لا غير	116.00	Nest	China	1-3 Months
73	2	Box	0.2 mL PCR 8-strip Tubes, With Flat caps, Clear, 12/bag,120/box	404001	20.00	23.20	سنة و أربعون دينار و فل400س	46.40	Nest	China	1-3 Months
111	5	Box	25 cm2 Cell Culture Flask, Vent Cap, TC, Sterile, 10/pk, 200/box	707003	75.00	87.00	أربعة مائة و خمسة و ثلاثون دينار فقط لا غير	435.00	Nest	China	1-3 Months
المجموع					سبعماية وثلاث و ثلاثون ديناراً وسبعماية فلس فقط			733.700			