

상 세 규 격 서

□ 품명:

국문: 뇌질환연구부 시약 및 소모품

영문: Materials and reagents for Dep. of Neural Development and Diseases

구 분	상 세 명 세				수 량
A. 규격 및 사양	뇌발달 및 뇌질환의 원인 규명, 진단 및 제어법 개발을 위한 뇌질환연구부 시약 및 소모품				1 set
	순번	Description	규격	수량	
	1	PCR PreMix (i-Taq, for 20 ul rxn) 480 tubes(20 μ l)	480 tubes (20 μ l)	5	
	2	Anti-G-protein coupled receptor 56 (GPR56) Antibody, clone H11 This Anti-G-protein coupled receptor 56 (GPR56) Antibody, clone H11 is validated for use in Western Blotting, ICC, IHC for the detection of G- protein coupled receptor 56 (GPR56). Species Reactivity : M Key Applications : WB, ICC, IHC Host : M Format : Purified Antibody Type : Monoclonal Antibody	100ug / 1vial	2	
	3	Laboratory Amber Glass Bottles, 100ml	ea	4	
	4	Laboratory Amber Glass Bottles, 250ml	ea	4	
	5	Laboratory Amber Glass Bottles, 500ml	ea	4	
	6	Laboratory White Glass Bottles, 2000ml	ea	3	
	7	Laboratory White Glass Bottles, 500ml	ea	10	
	8	Screw Cap(Red P.B.T) & Seal Seal-GL45 H4mm 200°C내 열성, Autoclave 가능 내화학적성	10piece s/bag	3	
	9	Screw Cap(Red P.B.T) & Seal Cap-GL45 ϕ 54x26H 200°C내 열성, Autoclave 가능 내화학적성	10piece s/bag	2	
	10	PP Colored GL-Screwcaps & Pour-rings, GL-25 / 32 / 45, Autoclavable3 칼라 GL-25 / 32 / 45 스크류캡 & 푸어링-링, Yellow, -10 ~ +125/140°C 내열	10piece s/bag	1	
	11	Filling Ring PP Yellow Pouring rings, PP PP. Autoclavable to 140°C (steam). Product Specification: Neck thread: 45 GL Colour: yellow	10piece s/bag	1	
	12	super duty beaker capacity 1000 MI material : glass (Type 1/ neutral glass) feature : graduations capacity : 1000 mL	10beake rs/box	1	
	13	Protein Assay Reagent B 1 L, dilute Folin reagent for colorimetric assays; replacement reagent for DC protein assay kits and RC DC protein assay kits	1L	1	

14	Protein Assay Reagent A 250 ml, alkaline copper tartrate solution for colorimetric assays; replacement reagent for DC protein assay kits and RC DC protein assay kits	250ml	1
15	Protein Assay Reagent S 5 ml, surfactant solution for colorimetric assays; replacement reagent for DC protein assay kits and RC DC protein assay kits	5ml	1
16	Crosslink IP Kit Assay Type: Affinity Purification For Use With (Equipment): Microcentrifuge Product Size: 50 reactions Target Specificity: Not Target-Specific Technique: Immunoprecipitation (IP)	50 rxn	1
17	1,1,1,3,3,3-Hexafluoro-2-propanol for GC derivatization, ≥99.8% InChI Key : BYEAHWXPCBROCE-UHFFFAOYSA-N refractive index : n ₂₀ /D 1.275(lit.) bp : 59 °C(lit.) mp : −4 °C(lit.) density : 1.596 g/mL at 25 °C(lit.) derivatization reagent for : Acylations /Esterifications 10ml	10ml	1
18	Formvar/Carbon Grids Type : 400 mesh Qty : 25/box	25/box	10
19	Bovine Serum Albumin (BSA) 250 g (Albumin fraction V derived from bovine blood) Purity > 98.0 % (electrophoresis) CAS Number: 9048-46-8 Chemical Formula: N/A Molecular Weight: ~66 kDa Store: 0-5°C	250g	1
20	FastStart Universal SYBR Green Master (Rox) Universal ready-to-use hot start reaction mix for qPCR and RT-qPCR on all real-time PCR systems requiring normalization with ROX. For life science research only. Not for use in diagnostic procedures. 500 x 20 µl reactions	5ml	10
21	SYBR® Safe DNA Gel Stain 400 µL Target Molecule: DNA Label or Dye: SYBR® Safe Detection Method: Fluorescent Detection Location: In-Gel Detection Product Size: 400 µL Green Features: Less hazardous Shipping Condition: Room Temperature	400ul	10
22	10X TBE DNA Sequencing Grade 890mM Tris, 890mM Boric Acid, 20 mM EDTA, pH 8.0 Applications: DNA Sequencing, agarose gel electrophoresis and other applications requiring TBE buffer.	1000mlx 5	2
23		160 호 x 5	5

B.
납품기한

24	O.C.T. Compound, Finetek Case of 12 (4 oz) This optimum cutting temperature (O.C.T.) formulation of water-soluble glycols and resins provides a convenient specimen matrix for cryostat sectioning at temperatures of -10°C (14°F) and below. Leaves no residue on slides during staining procedure, eliminating undesirable background staining. Provided in a 118mL (4oz.) bottle.	12 개/cs	1
25	20X PBS, pH 7.4 Solution Package:1000ml Storage:Room Temperature Composition:2.7M NaCl, 54mM KCl, 86mM Sodium Phosphate dibasic, 28mM Potassium phosphate monobasic, 0.2um Filter-sterile solution	1L	10
26	15 mL Polystyrene Centrifuge Tube, Conical Bottom, with Dome Seal Screw Cap, Sterile, 50/Bag, 500/Case Material: Polystyrene Qty./Pk.: 50 Qty./CS.: 500 Capacity: 15 mL Tube Style: Centrifuge Max RCF: 1800 xg Color: Clear Cap Style: Dome Seal Screw Cap Cap Material: Polyethylene Cap Color: Blue Sterile: Yes Outer Diameter: 17 mm Length: 120 mm	500bag/ cs	2
27	15ml conical centrifuge tube, sterile Bottom Type : Conical Material (Tube/Cap) : PP/HDPE External Dimension d x h (mm) : 17.00 x 120.00 Total Volume (ml) : 15.00 RCF Rating : 13,000 x g Sterile : + Packaging : 50 in sleeve / 500	500pcs/ cs	3
28	TUBE, 50 ML, PP, 30/115 MM, CONICAL BOTTOM, BLUE SCREW CAP, NATURAL, GRADUATED, WRITING AREA, STERILE, 20 PCS./BAG	500pcs/ cs	5
29	DMEM, high glucose, pyruvate Glutamine: L-Glutamine Phenol Red Indicator: Phenol Red Form: Liquid Glucose: High Glucose Serum Supplementation: Standard Serum Supplementation HEPES Buffer: No HEPES Sodium Pyruvate Additive: Sodium Pyruvate Product Size: 10 x 500 mL Volume (Metric): 500 ml Green Features: Fewer resources used, Less waste Shipping Condition: Room Temperature	10x500 ml	3
30	EndoFree Plasmid Maxi Kit (10) 10 QIAGEN-tip 500, Reagents, 10 QIAfilter Maxi Cartridges, Endotoxin-free Buffers	kit	4

31	<p>4-12% Bis-Tris Plus Gels, 10-well Gel Percentage: 4-12 % Wells: 10 wells Gel Type: Bis-Tris Plus Gel Separation Range: 15 kDa to 260 kDa (MOPS Buffer), 3.5 kDa to 160 kDa (MES Buffer) Gel Size: Mini (8 cm x 8 cm) Well Format: 1D Well (Wedge-Shaped) Thickness: 1.0 mm Adapters: No Adapters Capacity: Up to 60 µL per well For Use With (Equipment): Mini Gel Tank Mode of Separation: Molecular Weight Product Size: 10 gels (1 box) Quantity: 10 gels Sample Loading Volume: 40 µL (recommended) Shipping Condition: Approved for shipment at Room Temperature or on Wet Ice</p>	10 gels (1 box)	10
32	<p>4-12% Bis-Tris Plus Gels, 12-well Gel Percentage: 4-12 % Wells: 12 wells Gel Type: Bis-Tris Plus Gel Separation Range: 15 kDa to 260 kDa (MOPS Buffer), 3.5 kDa to 160 kDa (MES Buffer) Gel Size: Mini (8 cm x 8 cm) Well Format: 1D Well (Wedge-Shaped) Thickness: 1.0 mm Adapters: No Adapters Capacity: Up to 45 µL per well For Use With (Equipment): Mini Gel Tank Mode of Separation: Molecular Weight Product Size: 10 gels (1 box) Quantity: 10 gels Sample Loading Volume: 30 µL (recommended) Shipping Condition: Approved for shipment at Room Temperature or on Wet Ice</p>	10 gels (1 box)	10
33	<p>Reduced Serum Medium Glutamine: L-Glutamine Phenol Red Indicator: Phenol Red Form: Liquid Product Size: 10 x 500 mL Volume (Metric): 500 ml Green Features: Fewer resources used, Less waste Shipping Condition: Room Temperature</p>	500mlX1 0	1
34	<p>Neurobasal® Medium (1X), Liquid Cell Type: Neuronal Cells (Pre-Natal), Stem Cells (Neural) Amino Acids: No Aspartic Acid, No Glutamic Acid Classification: Serum-Free Culture Type: Feeder Cell-Free Form: Liquid Glutamine: No Glutamine Phenol Red Indicator: Phenol Red Product Size: 500 mL Serum Level: Serum-Free Green Features: Fewer resources used, Less waste Shipping Condition: Room Temperature</p>	500ml	5

35	3-8% Tris-Acetate Protein Gels, 1.0 mm, 10-well 10 gels (1 box) For Use With (Equipment): XCell SureLock® Mini Gel Percentage: 3-8 % Gel Size: Mini (8 cm x 8 cm) Gel Type: Tris-Acetate Gel Mode of Separation: Molecular Weight Product Size: 10 gels (1 box) Quantity: 10 gels Sample Loading Volume: 25 µL Separation Range: 40 kDa to 500 kDa (TA Buffer) System: NuPAGE® Novex® Thickness: 1.0 mm Well Format: 1D Well Wells: 10 wells Shipping Condition: Wet Ice	10/cs	5
36	20X MES SDS Running Buffer Gel Type: Bis-Tris Plus Gel Buffer Type: Running Buffers Concentrated: 20 X Product Size: 500 mL	500ml	5
37	Transfer Buffer (20X) 1 L Form: Liquid Buffer Type: Transfer Buffers Concentrated: 20 X Product Size: 1 L Volume (Metric): 1 L	1L	5
38	Tris-Acetate SDS Running Buffer (20X) 500 mL Gel Type: SDS PAGE Gel Shipping Condition: Approved for shipment at Room Temperature or on Wet Ice Buffer Type: Running Buffers Concentrated: 20 X Product Size: 500 mL	500ml	5
39	4X LDS Sample Buffer Gel Type: Bis-Tris Plus Gel Buffer Type: Sample Loading Buffers Concentrated: 4 X Product Size: 10 mL	10ml	10
40	10X Sample Reducing Agent Concentration: 500 mM Form: Liquid Formulation: 500 mM dithiothreitol (DTT) Product Size: 10 mL Reagent Type: Reducing Agent	10ml	5
41	SYBR Premix Ex Taq (Tli RNaseH Plus) 200 회 (50 µl 반응계)	400rxn	4

42	<p>ECL Prime Western Blotting Detection Reagent Complete Packsize: For 1000 cm² membrane Application Sensitive Quantitative or Confirmatory Western Blotting Color Detection reagent 1: Colorless Detection reagent 2: Colorless Detection CCD Imager or X-ray film Estimated Shelf Life from Manufacture Date The components of this product are stable until expiration date printed on box when stored under recommended conditions. Recommended Membrane PVDF (Amersham Hybond P) or nitrocellulose (Amersham Protran Premium) Sensitivity For detection of low and medium abundant proteins Storage Conditions 18 - 30° C</p>	100ml	3
43	<p>SafeStain Target Molecule: Protein Label or Dye: Coomassie Detection Method: Colorimetric Detection Location: In-Gel Detection Product Size: 1 L Green Features: Less hazardous, Less waste</p>	ea	5
44	<p>Formic Acid, 99.5+%, Optima™ LC/MS Grade CAS 64-18-6 Color Colorless pH 2.1 Physical Form Liquid Molecular Formula CH₂O₂</p>	ea	5
45	<p>Precast Protein Gels, 15-well, 15 µl Pkg of 10, Any kD precast polyacrylamide gel, 8.6 × 6.7 cm (W × L), for use with Mini-PROTEAN Electrophoresis Cells</p>	box	10
46	<p>Precast Protein Gels, 10-well, 30 µl Pkg of 10, Any kD precast polyacrylamide gel, 8.6 × 6.7 cm (W × L), for use with Mini-PROTEAN Electrophoresis Cells</p>	box	10
47	<p>ViewOne LabLite, 100-240V Dimensions:17(L) x 11.5(W) x 0.5(H) cm Weight: 160g Light Source: White LED 3 selectable intensities Water resistant, Compact and Portable Built in retainer for Petri dishes, agar plates and 96 well plates Comes with a set of interchangeable input plugs for international compatibility, 100-240V</p>	ea	2
48	Halo-tag magnetic bead	ea	3
49	Halo TEV protease	ea	3
50	<p>ExcelBand 3-color Broad Range Protein Marker Approximately 0.1~0.4 mg/ml of each protein in the buffer (20 mM Tris-phosphate (pH 7.5), 2% SDS, 0.2 mM DTT, 3.6 M urea, and 15% (v/v) glycerol).</p>	ea	5
51	<p>2-Mercaptoethanol 25 ml, ≥98% pure 2-mercaptoethanol (14.2 M)</p>	ea	2
52	<p>Cassette Opening Lever Pkg of 1, 100% aluminum and recyclable opening lever for Mini-PROTEAN precast gel cassettes</p>	ea	2
53	<p>Tetra Vertical Electrophoresis Cell for Mini Precast Gels, 2-gel 2-gel vertical electrophoresis system, includes electrode assembly, tank, lid with power cables, mini cell buffer dam</p>	set	2

54	Table type Impulse Bag Sealer -impulse sealing -economic safe -simple to operate/small, light, compact -Sealing scope(mm) maximum : 310	ea	1
55	100 C18 LC Column 제품 크기 : Pack of 2 Column Type : Reversed Phase Type : Trap Column, NanoViper Carbon Load : 15% USP Type : L1 Endcapped : Yes Flow Rate : 300nL/min. Max. Pressure : 500bar Packing Material : Spherical, fully porous ultrapure silica Particle Size : 3µm Temperature : 60°C Pore Size : 100Å pH : 2 to 8 Stationary Phase : C18 Surface Area : 450m²/g Length (Metric) : 20mm Material : PEEK Shielded Fused Silica Column Format : Trap Column, NanoViper Diameter (Metric) : 0.075mm	20x0.075mm, 3µm	3
56	Polyethylene sealing bag		5
계약일로부터 30일 이내			

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