

## 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
	순 번	Description	규격	수량	
	1	PCR PreMix (i-Taq, for 20 ul rxn) 480 tubes(20 µl)	480 tubes(20 µl)	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℃내 열성, Autoclave 가능 내화학성	10pieces/bag	3	
	9	Screw Cap(Red P.B.T) & Seal Cap-GL45 φ 54x26H 200℃내 열성, Autoclave 가능 내화학성	10pieces/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℃ 내열	10pieces/bag	1	
	11	Filling Ring PP Yellow Pouring rings, PP PP. Autoclavable to 140℃ (steam). Product Specification: Neck thread: 45 GL Colour: yellow	10pieces/bag	1	
	12	super duty beaker capacity 1000 MI material : glass (Type 1/ neutral glass) feature : graduations capacity : 1000 mL	10beakers/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	PVDF/Filter Paper Sandwiches Membrane: PVDF Membrane Pore Size: 0.45 micron Product Size: 20/pack Shipping Condition: Room Temperature	20/pack	10
17	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
18	1,1,1,3,3,3-Hexafluoro-2-propanol for GC derivatization, ≥99.8% InChI Key : BYEAHWXPCBROCE-UHFFFAOYSA-N refractive index : n <sub>20/D</sub> 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
19	Formvar/Carbon Grids Type : 400 mesh Qty : 25/box	25/box	10
20	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
21	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
22	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

23	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.	1000mlx5	2
24		160 호  x5	5
25	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	2
26	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
27	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
28	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
29	TUBE, 50 ML, PP, 30/115 MM, CONICAL BOTTOM, BLUE SCREW CAP, NATURAL, GRADUATED, WRITING AREA, STERILE, 20 PCS./BAG	500pcs/cs	5
30	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	10x500ml	3

31	EndoFree Plasmid Maxi Kit (10) 10 QIAGEN-tip 500, Reagents, 10 QIAfilter Maxi Cartridges, Endotoxin-free Buffers	kit	3
32	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	10 gels (1 box)	10
33	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	10 gels (1 box)	10
34	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	500mLX10	1
35	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	500ml	5

B. 납품기한	36	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
	37	20X MES SDS Running Buffer Gel Type: Bis-Tris Plus Gel Buffer Type: Running Buffers Concentrated: 20 X Product Size: 500 mL	500ml	5
	38	Transfer Buffer (20X) 1 L Form: Liquid Buffer Type: Transfer Buffers Concentrated: 20 X Product Size: 1 L Volume (Metric): 1 L	1L	5
	39	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
	계약일로부터 30일 이내			
2017 년 03월 06일				
연구책임자: 뇌질환연구부장 최 영 식				