

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	RNase-Free Water 12 x 1.9 ml RNase-free water prepared without the use of diethylpyrocarbonate (DEPC)	12 x 1.9 ml	2	
	2	Certified Ergonomic Nitrile Exam Gloves (Blue), XS 23.5 cm (9 1/4") Blue XC-310-XS 89174-538 Box of 250	250 gloves/dispenser	4	
	3	Certified Ergonomic Nitrile Exam Gloves (Blue), S 23.5 cm (9 1/4") Blue XC-310-S 89174-540 Box of 250	250 gloves/dispenser	2	
	4	Certified Ergonomic Nitrile Exam Gloves (Blue), M 23.5 cm (9 1/4") Blue XC-310-M 89174-542 Box of 250	250 gloves/dispenser	2	
	5	Certified Ergonomic Nitrile Exam Gloves (Blue), L 23.5 cm (9 1/4") Blue XC-310-L 89174-544 Box of 250	250 gloves/dispenser	2	
	6	Clal Now comes supplied with 1 vial of Gel Loading Dye, Purple (6X) (B7024)	1,000 units	1	
	7	Petri Dish 100x15mm 100.00 x 15.00 96.40 x 13.75 72.30 - + 10 / 500	500/BX	1	
	8	4 채널 타이머 * Big Digit Display * 4 개의 메모리 설정 * 시간 측정을 위한 시계기능 * Count up & Count down 기능 * 24 시간 입력 기능과 스탠드 타입의 클립	ea	10	
	9	4% Paraformaldehyde Solution Cat.#:M1176 Package:500ml Storage:Room Temperature Composition:4% Paraformaldehyde soltuion	500ml/ea	10	

	10	15ml tubes Conical PP / HDPE 17.00 x 120.00 15.00 13,000 x g + 50 in sleeve / 500	box	2
	11	Gold Antifade Reagent with DAPI - Special Packaging Reagent Type: Anti-Fade Solution Label or Dye: DAPI Product Size: 5 x 2 mL Green Features: Less hazardous, Sustainable packaging Shipping Condition: Room Temperature	5 x 2 mL	1
	12	Invitrogen Prolong gold Reagent Type: Anti-Fade Solution Product Size: 5 x 2 mL Green Features: Less hazardous, Sustainable packaging Shipping Condition: Room Temperature	5 x 2 mL	1
	13	iScript™ cDNA Synthesis Kit, 100 x 20 µl rxns 100 x 20 µl reactions, includes 5x reverse-transcription reaction mix, iScript reverse transcriptase, nuclease-free water	100 x 20 µl rxns	4
	14	Nitric acid ACS reagent, 70% grade ACS reagent vapor pressure 8 mmHg (20 °C) assay 68.0-70.0% (ACS specification) 70% ign. residue ≤5 ppm color APHA: ≤10 bp 120.5 °C(lit.) density 1.413 g/mL at 20 °C(lit.) anion traces chloride (Cl-): ≤0.5 ppm sulfate (SO42-): ≤1 ppm cation traces As: ≤0.01 ppm Fe: ≤0.2 ppm heavy metals (as Pb): ≤0.2 ppm	500ml	2

	15	Blue Fluorescent Nissl Stain Color: Blue For Use With (Equipment): Fluorescence Microscope Sub-Cellular Localization: Nissl Bodies Detection Method: Fluorescent Excitation/Emission (nm): 435/455 Product Size: 1 mL Shipping Condition: Room Temperature	1ml	1
	16	mouse anesthesia masks for stereotaxic surgery Mouse Gas Anesthesia Mask.	ea	1
	17	Moria spoon Tip Diameter: 15mm Spoon Depth: 3mm Alloy I: Inox Length: 14.5cm	ea	2
	18	Wheat Germ Agglutinin, Alexa Fluor® 647 Conjugate Product Size: 5 mg Shipping Condition: Room Temperature	5 mg	1
	19	Isolectin GS-IB4 From Griffonia simplicifolia, Alexa Fluor® 647 Conjugate Product Size: 1 mg Shipping Condition: Room Temperature	5 mg	1
	20	Isolectin GS-IB4 From Griffonia simplicifolia, Alexa Fluor® 647 Conjugate Product Size: 500 µg Shipping Condition: Room Temperature	500 µg	1
	21	Concanavalin A, Alexa Fluor® 647 Conjugate Product Size: 5 mg Shipping Condition: Room Temperature	5 mg	1
	22	Cholera Toxin Subunit B (Recombinant), Alexa Fluor® 647 Conjugate Product Size: 100 µg Protein Subtype: Cholera Toxin Shipping Condition: Room Temperature	100 µg	1

	23	<p>Goat anti-Chicken IgY (H+L) Secondary Antibody, Alexa Fluor 647</p> <p>Goat anti-Chicken IgY (H+L) Secondary Antibody, Alexa Fluor® 647 conjugate for IF, ICC and IHC</p> <p>Tested species reactivity : Chicken</p> <p>Published species reactivity : Not Applicable</p> <p>Host / Isotype : Goat / IgG</p> <p>Class : Polyclonal</p> <p>Type : Secondary Antibody</p> <p>Immunogen : Gamma Immunoglobins Heavy and Light chains</p> <p>Conjugate : Alexa Fluor 647</p> <p>Form : liquid</p> <p>Concentration : 2 mg/ml</p> <p>Purification : purified</p> <p>Storage buffer : PBS, pH 7.5</p> <p>Contains : 5mM sodium azide</p>	ea	1	
	24	<p>Goat anti-Chicken IgY (H+L) Secondary Antibody, Alexa Fluor® 555 conjugate for IF, ICC and IHC</p> <p>Tested species reactivity Chicken</p> <p>Published species reactivity Not Applicable</p> <p>Host / Isotype Goat / IgG</p> <p>Class Polyclonal</p> <p>Type Secondary Antibody</p> <p>Immunogen Gamma Immunoglobins Heavy and Light chains</p> <p>Conjugate Alexa Fluor® 555</p> <p>Form liquid</p> <p>Concentration 2 mg/ml</p> <p>Purification purified</p> <p>Storage buffer PBS, pH 7.5</p> <p>Contains 5mM sodium azide</p> <p>Storage Conditions 4° C, store in dark</p> <p>Target IgY</p> <p>Antibody Form Whole Antibody</p>	ea	1	

	25	<p>Tamoxifen $\geq 99\%$ Synonym: (Z)-1-(p-Dimethylaminoethoxyphenyl)-1,2-diphenyl-1-butene, trans-2-[4-(1,2-Diphenyl-1-butenyl)phenoxy]-N,N-dimethylethylamine mp 97-98 °C(lit.) solubility H2O: insoluble <0.1% at 20 °C chloroform: soluble 50 mg/mL, clear, colorless to faintly yellow 2-propanol: soluble DMSO: soluble ethanol: soluble methanol: soluble propylene glycol: soluble originator AstraZeneca storage temp. 2-8°C Gene Information human ... CYP1A2(1544), EBP(10682), ESR1(2099), ESR2(2100), ESRRA(2101) rat ... Ar(24208), Esr1(24890)</p>	1g	3
	26	<p>RN Compression Fitting 1 mm Consists of one large bore RN nut, 5 PFA ferrules, and 5 PEEK cup ferrules. Compatible Syringes These compression fittings are compatible with small hub removable needle syringes (2.5 - 100 uL). Pressure 100 psi Inner Diameter 1 mm</p>		2
	27	<p>RN Compression Fitting 1/16 inch Consists of one large bore RN nut, 5 PFA ferrules, and 5 PEEK cup ferrules. Compatible Syringes These compression fittings are compatible with small hub removable needle syringes (2.5 - 100 uL). Pressure 100 psi Inner Diameter 1/16 inch</p>		2
	28	<p>Dual Small Hub RN Coupler Compatible with Luer to RN adaptor (p/n 55753-01) Pressure 100 psi Dead Volume 10 µl</p>		2

	29	5 µL, Model 75 RN SYR Volume 5 µL Syringe Type Microliter Syringe Series 700 Termination Removable Needle (RN) Needle Small RN Gauge No Needle Included Point Style No Needle Included Needle Length No Needle Included Std. Needle Dead Volume N/A Fluid Path SST, borosilicate glass Autoclavable Yes Gas Sterilizable Yes Pressure 2000 psig (137.9 bar) Maximum Temperature 115°C / 239°F Minimum Temperature 10°C / 50°F Barrel Inner Diameter 0.014 inches (0.343 mm) Barrel Outer Diameter 0.260 inches (6.60 mm) Sales Quantity 1 syringe per pack	5 µL	2
	30	PEEK Tubing L × O.D. × I.D. 10 ft × 1/16 in. × 0.020 in., orange, limit 6000 psi max. pressure limit 6000 psi max. pressure L × O.D. × I.D. 10 ft × 1/16 in. × 0.020 in. color orange		2
	31	Standard Wall Borosilicate Tubing With Filament Sutter Instrument Company Technical Tip Creating a Femtotip â Total Taper (shoulder to tip) 3 to 4 mm, 50m to 250m "Needle Length", and a 0.5m Tip		1
	32	Vitronectin XF™ Size: 2 mL Matrix for maintenance of human ES/iPS cells in combination with TeSR™-E8™, mTeSR™1, or TeSR™2	2ml	3
	33	SimplyBlue 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	1 L	1

	34	Ponceau S solution BioReagent, suitable for electrophoresis, 0.1 % (w/v) in 5% acetic acid product line BioReagent concentration 0.1 % (w/v) in 5% acetic acid suitability suitable for electrophoresis	1 L	1
	35	25 HOLES FOR 15ML TUBES Material : PP Description : 25 Holes for 15 ml tubes Packaging : 20	ea	3
	36	25 HOLES FOR 50ML TUBES Material : PP Description : 25 Holes for 50 ml tubes Packaging : 20	ea	3
	37	mupid-2plus 전기영동조 외형치수 187.4mm(W)×136.5mm(L)×50mm(H) 전기영동조 치수 133.0mm(W)×120.6mm(L)×47.5mm(H) Buffer 용량 약 250~280ml (Gel 설치시 최대 300ml) 재질 PPHOX Cover 외형치수 143.9mm(W)×137.5mm(L)×13mm(H) Power supply 외형치수 43mm(W)×109mm(L)×49.5mm(H) 입력 AC100-110 V 출력 DC50V,100 V Fuse 250V,0.8A Gel 외형치수 240mm(W)×126mm(L)×17.5mm(H) Maker Stand Gel 제작 매수 Large Gel 2 매, mini gel 4 매 Gel tray 사이즈 Large size: 109mm(W)×60mm(L) Mini size: 55mm(W)×60mm(L) Comb 치수 10mm(W)×240mm(L)×42mm(H) Large gel 6mm(W)×1mm(L)×12well Large gel 4mm(W)×1mm(L)×17well Mini gel 6mm(W)×1mm(L)×6well Mini gel 4mm(W)×1mm(L)×8well	1 system	1
	38	PCR Tube Rack, PP, Φ6 mm×96 holes, 126×88×h25 mm, Blue, with Hinged Lid	ea	22
	39	PCR Tube Rack, PP, Φ6 mm×96 holes, 126×88×h25 mm, Green, with Hinged Lid	ea	22
	40	PCR Tube Rack, PP, Φ6 mm×96 holes, 126×88×h25 mm, Violet, with Hinged Lid	ea	22

	41	PCNA Anti-PCNA antibody [PC10] Mouse monoclonal [PC10] to PCNA Form : Liquid Storage buffer pH: 7.4 Preservative: 0.02% Sodium azide Constituent: PBS Contains 0.4M arginine	ea	1
	42	p-STAT3(S705) Phospho-Stat3 (Tyr705) (D3A7) XP® Rabbit mAb Western blot analysis of extracts from IFN-alpha treated Jurkat cells and HeLa cells (left), as well as EGF treated A431 cells (right), using Phospho-Stat3 (Tyr705) (D3A7) XP® Rabbit mAb. Note that the basal phospho-Stat3 in A431 is detected by the antibody.	ea	1
	43	p-AKT(Ser473) Phospho-Akt (Ser473) Antibody REACTIVITY : H M R Hm Dm B Dg Pg SENSITIVITY : Endogenous MW (kDa) : 60 SOURCE : Rabbit	ea	1
	44	PSD95 Rat: 100% identity (223/223 amino acids identical) Mouse: 99% identity (221/223 amino acids identical) 65-80% identity with DLG1/SAP97, DLG2/Chapsyn-110 and DLG3/SAP102	ea	1
	45	Phospho-mTOR (Ser2448) Antibody REACTIVITY : H M R Mk SENSITIVITY : Endogenous MW (kDa) : 289 SOURCE : Rabbit	ea	1
	46	Ras-GRF1 항체 (D-12) Ras-GRF1 항체(D-12) 는 마우스 monoclonal IgG2b(kappa light chain) 이며 200 µg/ml 으로 제공합니다. mouse origin 의 Ras-GRF1 p140 and Ras-GRF2 에서 C-terminus 에 위치한 791-1262 아미노산을 항원으로 사용하였습니다. WB, IP, IF, IHC(P)와 ELISA 으로 mouse, rat 와 human origin 의 Ras-GRF1 을 검출할것을 권장합니다.	200 µg/ml	1

	47	<p>GluA2 Purified Mouse Anti-Glutamate Receptor Clone 6C4 (RUO) Alternative Name : GluR2 Concentration : 0.5 mg/ml Isotype : Mouse IgG2a Reactivity : Rat (QC Testing) Monkey, Dog (Reported) Application : Immunohistochemistry-formalin (antigen retrieval required) (Routinely Tested) Western blot, Electron microscopy, Radioimmunoassay (Reported) Immunogen : GluR2 aa.175-430 trpE Recombinant Fusion Storage Buffer : Aqueous buffered solution containing ≤0.09% sodium azide. Regulatory Status : RUO</p>	0.1 mg/ea	1
	48	<p>Dulbecco's Phosphate Buffered Saline, 1x DPBS, 1X without calcium and magnesium</p>	6x500ml	1
	49	<p>Coaster 6 well clear TC-treated multiple well plates Multiple Well Plates, Sterile Description : Flat-Bottom Plate Well Volume : 5 mL Working Volume : 1.9-2.9 mL No. of Wells : 6 Well Area : 9.5cm Packaging : 1/Tray</p>	50/case	2
	50	<p>LB Broth, Miller - Novagen LB Broth MILLER is a granulated medium for the cultivation of E. coli on scales ranging from small cultures to fermentation. Glass bottle</p>	500g	1
	51	<p>캐리어 냉장쇼케이스 크기 : 650 * 580 * 1850 용량 : 470 L</p>	ea	1
	52	<p>MicroAmp® Optical Adhesive Film Plate Compatibility: 384-Well Plates, 96-Well Plates Product Line: Applied Biosystems™, MicroAmp® Product Size: 25 covers Shipping Condition: Room Temperature Type: Film, Seal, or Applicator</p>	ea	3

53	96well Cell Culture Plate Bottom Type : Flat External Dimension(mm) : 85.4 x 127.6 Well Dimension(mm) : 6.4 Growth Area(cm ²) : 0.32 Working Volume(μl) : 200 Total Volume(μl) : 400 Surface Treatment : - Sterilized : + Units per Sleeve/Case : 1/50	50/box	1
54	PhosSTOP™ Synonym: inhibitor tablets for phosphatase, phosphatase inhibitor tablets form : tablet packaging : pkg of 20 tablets (04906837001) solubility : aqueous buffer: soluble shipped in : wet ice storage temp. : 2-8°C	pkg of 20 tablets	3
55	cOmplete™, Mini Protease Inhibitor Cocktail Tablets provided in a glass vial form : tablet packaging : vial of 25 tablets absorption : A/280 nm 0.08 shipped in : wet ice storage temp. : 2-8°C	vial of 25 tablets	1
56	Kyoto probe 1 (KP-1) 10μg×10 Probe for detecting human iPS/ES cells	10ug x 10	1
57	Amersham ECL Select Western Blotting Detection Reagent Complete Packsize For 1000 cm ² membrane Detection CCD Imager or X-ray film	ea	1
58	EzWestLumi plus -Major components Reagent A : Luminol/Enhancer solution Reagent B : Hydrogen peroxide solution -Package Reagent A : 250 mL Reagent B : 250 mL -Storage period : At 4°C for 1 years	ea	1

59	5ml Snap Tube Material : PP External Dimension d x h (mm) : 20.00 x 62.00 Total Volume (ml) : 5 RCF Rating : 25,000 x g Sterile : - Packaging : 100 in sleeve / 200	box	1
60	Dimethyl Sulfoxide 99%=(EP) 분자식 : (CH ₃) ₂ SO // C ₂ H ₆ OS CAS : 67-68-5	1L	2
61	Microtubes Axygen® 1.7mL MaxyClear Snaplock Microcentrifuge Tube, Polypropylene, Clear, Nonsterile, 500 Tubes/Pack, 10 Packs/Case Qty./Pk.: 500 Qty./CS.: 5000 Packaging Format: 500 Tubes/Pack, 10 Packs/Case Capacity: 1.7 mL Top Style: Snap Cap Max RCF: 14000 xg Graduations: Yes Graduation Range: 0.1-1.5 mL Graduation Interval: 0.1 mL Color: Clear Sterile: No	box	1
62	4x Laemmli sample buffer	10 ml.	1
63	S-(–)-Eticlopride hydrochloride ≥98% (HPLC), powder Synonym: FLB 131, S-(–)-3-Chloro-5-ethyl-N-[(1-ethyl-2- pyrrolidinyl)methyl]-6-hydroxy-2-methoxybenzamide hydrochloride InChI Key : HFJFXDHSVWLIKX-YDALLXLXSA-N assay : ≥98% (HPLC) form : powder optical activity : [α] _{27/D} –7.2°, c = 0.3 in methanol(lit.) color : off-white	ea	1
64	LE 300 Chemical Name: 6,7,8,9,14,15-Hexahydro-7-methyl-5H- indolo[3,2-f][3]benzazecine M.Wt : 290.41 Formula : C ₂₀ H ₂₂ N ₂ Solubility : Soluble to 50 mM in 1eq. HCl and to 100 mM in DMSO	ea	1

		Purity : >98 % Storage : Store at RT			
65		Trypsin Protease Source : Porcine pancreas Sterilization Method : 0.1um sterile filtered Shelf Life : 24 months Sotrage Requirements : Store frozen With Additives : Porcine trypsin, HBSS, EDTA Concentration : 0.25 % (1X) Format : Liquid	100mL	1	
66		15ml tubes ▪ Screw cap with tight sealing ▪ External graduations with marking area ▪ 지퍼백 포장 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	box	2	
67		Reservoirs Material : PS Color : White Design : Sloping Bottom Working Vol. : 50ml Sterilized : + 규격 : 5/100 판매단위 : 100/BOX	100/box	2	
68		Serological Pipette Individual packaging - Inbox Material : PS Color Code : Orange Working Volume (ml) : 2.00 Sterile : +	box	2	
69		1000ul universal tip bulk	1000ea/bag	5	
70		10ul universal tip bulk	ea	5	

B. 납품기한	71	Akt Antibody REACTIVITY : H M R Hm Mk C Dm B Dg Pg GP SENSITIVITY : Endogenous MW (kDa) : 60 SOURCE : Rabbit	ea	1
	72	백색바세린 용량 : 100ml 전성분 :페트톨라툼 100%	100ml	10
	73	Plastic Whole Blood tube with spray-coated K2EDTA BD Vacutainer™ Plastic Blood Collection Tubes with K2EDTA: Hemogard™ Closure Material : Plastic Additive : K2 EDTA, 5.4mg Color : Lavender Label Type : Paper Diameter (Metric) Outer : 13 x 75mm Capacity (Metric) : 3mL Closure Type : Hemogard	100pack	10
	74	ep Dualfilter T.I.P.S.® 10 trays x 96 ea, PCR clean, capacity 0.1-10 μL, sterile	10 x 96 tips	1
	75	ep Dualfilter T.I.P.S.® 10 trays x 96 ea, PCR clean, capacity 50-1000 μL, sterile	10 x 96 tips	1
	계약일로부터 30일 이내			
2016 년 01월 31일				
연구책임자: 뇌질환연구부장 최 영 식				