

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	DMEM/High glucose with L-glutamine, sodium pyruvate Format Liquid With Additives L-glutamine, sodium pyruvate Without Additives Sterilization 0.1 um sterile filtered Storage Requirements 2° to 8°C, away from light Shelf Life 12 months Item Description Liquid medium with L-glutamine, sodium pyruvate, and sodium pyruvate; 500 mL bottle	ea	10	
	2	Format Liquid With Additives L-glutamine Without Additives Sterilization 0.1 um sterile filtered Storage Requirements 2° to 8°C, away from light Shelf Life 12 months Item Description Liquid medium with L-glutamine; 500 mL bottle	ea	10	
	3	분자식 : (CH ₃) ₂ SO // C ₂ H ₆ O CAS : 67-68-5 순도, GRADE : 99%=(EP) Product Name(한글명) : 디메틸설폭사이드	1 L	2	
	4	Host: Mouse Quantity / Volume: 100 µL State: Lyophilized Whole Serum Alternate Names: Tyrosine 3-monooxygenase (TH); TYH; Tyrosine 3-hydroxylase, anti-TH, anti-tyrosine hydroxylase		2	

5	Clone: 6E10 (See other available formats) Isotype: Mouse IgG1 Reactivity: Human Preparation: Ascites	ea	1
6	Antibody: Rabbit Polyclonal to Human CDK5 Reactivity: Human, Mouse, Rat, Bovine, Pig, Sheep, Chicken Application: IHC - Paraffin, ICC, Immunofluorescence, Western blot Format: Unconjugated	ea	1
7	분자식 : CH ₃ COOH // C ₂ H ₄ O ₂ CAS : 64-19-7 순도, GRADE : 99~101%=(KP) Product Name(한글명) : 아세트산 // 빙초산	1kg	2
8	Related Categories BRDU Cell Proliferation Assay Reagents, Cell Biology, Cell Culture, Cell Freezing Media and Reagents, Cell Signaling and Neuroscience, 추가 사항 Quality Level PREMIUM grade Hybri-Max™ vapor density 2.7 (vs air) vapor pressure 0.42 mmHg (20 °C) sterility sterile-filtered product line BioReagent assay ≥99.7%	100 mL	2
9	분자식 : CH ₃ OH // CH ₄ O CAS : 67-56-1 순도, GRADE : 99.8%=(EP), 99.8%=(GR) Product Name(한글명) : 메틸알콜 // 메탄올	18L	1
10	The ADP-Glo™ Kinase Assay is a luminescent ADP detection assay that provides a universal, homogeneous, high-throughput screening method to measure kinase activity by quantifying the amount of ADP produced during a kinase reaction. The ADP-Glo™ Kinase Assay can be used to monitor the activity of virtually any ADP-generating enzyme (e.g., kinase or ATPase) using up to 1mM ATP. The ADP-Glo™ Kinase Assay is performed in a multiwell plate and can detect kinase activity in a reaction volume as low as 5µl. The assay is performed in two steps; first, after the kinase reaction, an equal volume of ADP-Glo™ Reagent is added to terminate the kinase reaction and deplete the remaining ATP.	1000 assay	1

		Second, the Kinase Detection Reagent is added to simultaneously convert ADP to ATP and allow the newly synthesized ATP to be measured using a luciferase/luciferin reaction. The light generated is measured using a luminometer. Luminescence can be correlated to ADP concentrations by using an ATP-to-ADP conversion curve.			
	11	Ethanol absolute for analysis EMSURE® ACS,ISO,Reag. Ph Eur. Ethanol CAS No. 64-17-5, EC Number 200-578-6. Glass bottle	1 L	3	
	12	300mm * 260mm / 6 겹	24 밴드/케이스	1	
	13	234mm * 240mm * 1 겹	1box	2	
	14	107 * 210mm, 200 매/카톤, 60 카톤/pk	12000 매/pk	2	
	15	RNA ScreenTape Sample Buffer For use with the RNA ScreenTape assay	112 Samples	2	
	16	RNA ScreenTape Ladder RNA ladder for use with the RNA ScreenTape assay	10 µL	2	
	17	Neuronal Cells, Serum-Free, Antioxidant Cocktail, Insulin, Vitamin A, 10 ML, Cell Culture Grade, Dry Ice	10 mL	10	
	18	Sodium pyruvate solution 100 mM, sterile-filtered, BioReagent, suitable for cell culture	ea	1	
	19	L-Glutamine meets USP testing specifications, cell culture tested, 99.0-101.0%, from non-animal source Synonym: (S)-2,5-Diamino-5-oxopentanoic acid, L-Glutamic acid 5-amide, Levoglutamide biological source from non-animal source assay 99.0-101.0% form powder impurities endotoxin, tested mp 185 °C (dec.)(lit.) solubility H2O: soluble25 mg/mL suitability cell culture tested	100G	1	
	20	D-(+)-Glucose solution 45% in H2O, sterile-filtered, BioXtra, suitable for cell culture	100ML	1	
	21	Hydrochloric acid solution 1.0 N, BioReagent, suitable for cell culture	100ML	1	

22	Sodium hydroxide solution 1.0 N, BioReagent, suitable for cell culture	100ML	1
23	1500 Kunitz units RNase-free DNase I, RNase-free Buffer RDD, and RNase-free water for 50 RNA minipreps	ea	5
24	Glutamate Colorimetric Assay Kit Size 100 assays SKU+Size K629-100 Detection Method Absorbance (450 nm) Species Reactivity All Applications N/A Features & Benefits • Simple procedure; takes ~ 40 minutes • Fast and convenient • Kit contains the necessary reagents for accurate measurement of Glutamate Kit Components • Glutamate Assay Buffer • Glutamate Enzyme Mix • Glutamate Developer • Glutamate Standard (0.1M) Storage Conditions -20°C Shipping Conditions Gel Pack USAGE For Research Use Only! Not For Use in Humans.	100 assays	1
25	PB-CMV-MCS-EF1-GreenPuro cDNA Cloning and Expression Vector 10 ug PB513B-1	10 µg	1
26	Super piggyBac Transposase expression vector (replaces PB200PA-1), 10 ug 50 rxn PB210PA-1	50 rxn	1
27	Classification: Serum-Free Cell Type: Stem Cells (Embryonic) Product Size: 500 mL Green Features: Fewer resources used, Less waste Shipping Condition: Dry Ice	500 ml	1
28	Sodium phosphate monobasic dihydrate BioUltra, for molecular biology, ≥99.0% (T) Synonym: Sodium dihydrogen phosphate dihydrate grade for molecular biology product line BioUltra assay ≥99.0% (T) impurities DNases, none detected RNases, none detected insoluble matter, passes filter test phosphatases, none detected	1 kg	1

29	<p>Sodium phosphate dibasic dodecahydrate BioXtra, ≥99.0% (T)</p> <p>Synonym: sec-Sodium phosphate, Disodium hydrogen phosphate dodecahydrate, Disodium phosphate, di-Sodium hydrogen phosphate dodecahydrate</p> <p>product line BioXtra</p> <p>assay ≥99.0% (T)</p> <p>impurities insoluble matter, passes filter test</p> <p>pH 8.8-9.4 (25 °C, 0.1 M in H₂O)</p> <p>solubility H₂O: soluble0.1 M at 20 °C, clear, colorless</p> <p>anion traces chloride (Cl⁻): ≤5 mg/kg fluoride (F⁻): ≤5 mg/kg</p>	1 kg	1	
30	<p>Puromycin dihydrochloride</p> <p>Ready Made Solution, from Streptomyces alboniger, 10 mg/mL in H₂O, 0.2 µm filtered</p> <p>Quality Level PREMIUM</p> <p>biological source from Streptomyces alboniger</p> <p>sterility 0.2 µm filtered</p> <p>assay >98% (HPLC)</p> <p>concentration 10 mg/mL in H₂O</p> <p>solubility H₂O: soluble10 mg/mL</p> <p>suitability cell culture tested</p>	10mg/ml	1	
31	<p>Murine Embryonic Fibroblasts allow stem cell culture without LIF</p> <p>Presented as 5 x 10⁶ cells in 1 mL</p> <p>Must be mitotically inactivated prior to addition of ES cells</p> <p>Catalog Number CBA-312</p> <p>Size 1 vial</p> <p>Detection N/A</p>	1vial	1	
32	<p>Mitomycin C from Streptomyces caespitosus powder, BioReagent, suitable for cell culture</p> <p>product line BioReagent</p> <p>form powder</p> <p>solubility H₂O: soluble4 mL/vial, clear to slightly hazy, blue to purple (Stock solutions should be filter sterilized and stored at 2-8 °C in the dark.)</p> <p>suitability suitable for cell culture</p> <p>Mode of action DNA synthesis interferes</p> <p>antibiotic activity spectrum Gram-negative bacteria</p> <p>Gram-positive bacteria</p>	2mg	1	

B. 납품기한	33	Max RPM 3,000 Material Aluminum Die-casting & ABS Dimension 130 x 155 x 155(H) (mm), 3 kg Power Supply 1220V, 60 Hz, 0.1A, 20W Cat. No. LV-100	ea	1
	34	제조국 : 대한민국 품목명 : Mini Centrifuge (미니 원심분리기) 용도 : 개인용 미니 원심분리기, Spin Down 용 설명 : Max. 6,000rpm Max. 1.5~2.0ml x 8	ea	1
	35	PIPETMAN P2 Accuracy ± 0.024 , $\pm 12\mu\text{L}$ Autoclavable Yes Model P2 Volume (Metric) 0.2 to $2\mu\text{L}$ For Use With (Application) PCR, DNA sequencing Material Stainless Steel and PVDF Tip Style D10, DL10, DF10ST, DFL10ST	ea	1
	36	PIPETMAN P20 Accuracy ± 0.1 , $\pm 5\mu\text{L}$ Autoclavable Yes Model P20 Volume (Metric) 2 to $20\mu\text{L}$ For Use With (Application) Small volume dispensing of aqueous fluids of moderate viscosity and density (molecular biology, immunology) Material Stainless Steel and PVDF Tip Style D200, DF30ST	ea	1
	37	pipet-aid 220V 용 충전식, 교환필터 4 개포함, 거치대포함 EXpress- 흡입,분주 속도를 각각 3 단계로 조절가능 제품이 작고 가벼워서 사용이 편리함	220V portable set	1
	38	Artificial cerebrospinal fluid (aCSF) commonly used when sampling from brain interstitial fluid. Closely matches the electrolyte concentrations of CSF and is prepared from high purity water and analytical grade reagents. Microfiltered and sterile. Final ion concentrations (in mM): Na 150; K 3.0; Ca 1.4; Mg 0.8; P 1.0; Cl 155.	25ml	2
	39	Product Name CXCR4 (Ser339) Polyclonal Antibody Applications WB, IHC-P, IF(IHC-P) Reactivity Human, Mouse, Rat Conjugation Unconjugated Host Rabbit Source KLH conjugated synthetic phosphopeptide	100ul	1

	<p>derived from human CXCR4 around the phosphorylation site of Ser339 [HS(p-S)VS]</p> <p>Modification Site Ser339</p> <p>Clonality Polyclonal</p> <p>Isotype IgG</p> <p>Concentration 1ug/ul</p> <p>Purification Purified by Protein A.</p> <p>Storage Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide. Store at -20°C for 12 months.</p>			
40	<p>Tested species reactivity Human, Mouse</p> <p>Host / Isotype Rabbit / IgG</p> <p>Class Polyclonal</p> <p>Type Antibody</p> <p>Immunogen A synthetic phosphopeptide derived from human CXCR4 around the phosphorylation site of Ser339 (H-S-SP-V-S)</p> <p>Conjugate Unconjugated</p> <p>Form Liquid</p> <p>Concentration 1 mg/ml</p> <p>Purification Antigen affinity chromatography</p> <p>Storage buffer Dulbecco's PBS, pH 7.4, with 50% glycerol, 150mM NaCl</p> <p>Contains 0.02% sodium azide</p> <p>Storage Conditions -20°C</p>	100µg	1	
41	<p>Anti-CXCR4 Antibody (phospho-Ser339) LS-C313593</p> <p>Antibody: Rabbit Polyclonal to Human CXCR4</p> <p>Reactivity: Human, Mouse, Rat</p> <p>Application: Western blot</p> <p>Format: Unconjugated</p> <p>Target: Human CXCR4</p> <p>Host: Rabbit</p> <p>Reactivity: Human, Mouse, Rat (tested or 100% immunogen sequence identity)</p> <p>Clonality: Polyclonal</p> <p>Conjugations: Unconjugated</p> <p>Purification: Immunoaffinity purified</p> <p>Modifications: Unmodified</p>	100 µl	1	
42	32% Paraformaldehyde (formaldehyde) aqueous solution	10*10ml	10	
43	<p>Sodium acrylate 97%</p> <p>Synonym: Acrylic acid sodium salt</p> <p>mp >300 °C(lit.)</p>	100g	10	

44	2 x 500 ml, 40% acrylamide and bis-acrylamide solution, 29:1	2*500ml	5
45	NeuroMag Great efficiency, ideal for primary neurons Efficient from 1 DIV to 21 DIV Non toxic and completely biodegradable: high transfected neurons viability Ready-to-use, straightforward and rapid For all types of nucleic acids 500 µL: up to 165 transfections with 1µg of DNA	500ul	3
46	n-Dodecyl β-D-maltoside ≥98% (GC) Synonym: DDM, Lauryl-β-D-maltoside description non-ionic assay ≥98% (GC) mol wt micellar avg mol wt 50,000 aggregation number 98 CMC 0.15 mM(20-25°C) mp 224-226 °C(lit.)	5g	2
47	3-(N,N-Dimethylmyristylammonio)propanesulfonate ≥98.0% (T) Synonym: 3-(N,N-Dimethyltetradecylammonio)propanesulfonate, 3-(Myristyldimethylammonio)propanesulfonate, N-Tetradecyl-N,N-dimethyl-3-ammonio-1-propanesulfonate, Myristyl sulfobetaine, SB3-14 description zwitterionic assay ≥98.0% (T) mol wt micellar avg mol wt 30,200 aggregation number 83 CMC 0.1-0.4 mM(20-25°C)	50g	2
48	Penicillin-Streptomycin (10,000 U/ML) Prevention of Cell Culture Contamination, Penicillin, Streptomycin, Liquid, Antibiotic, 100 X, 100 ML, Dry Ice	100 mL	10
49	HEPES (1 M) Liquid, 100 ML, 7.2 - 7.5, Fewer resources used, Less waste, Room Temperature	100 mL	10
50	L-Glutamine Classification: Animal Origin-Free Concentrated: 100 X Culture Type: Adherent Cell Culture, Suspension Cell Culture Form: Liquid	100ml	5

		Format: Bottle(s) Phenol Red Indicator: No Phenol Red Product Size: 100 mL Volume (Metric): 100 ml Green Features: Fewer resources used, Less waste Shipping Condition: Dry Ice		
	51	DL-Dithiothreitol BioUltra, for molecular biology, ≥99.5% (RT) Synonym: threo-1,4-Dimercapto-2,3-butanediol, Cleland's reagent, DTT grade for molecular biology product line BioUltra assay ≥99.5% (RT) impurities DNases, none detected RNases, none detected insoluble matter, passes filter test phosphatases, none detected	1g	1
	계약일로부터 30일 이내			

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