

S.No.	Item	Specifications	Pack Size	Qty
1	Prestained Protein ladder	<p>Prestained Protein Ladder should be a three-color protein standard with 10 prestained proteins covering a wide range molecular weights for 10 to 180 kilodalton (kDa).</p> <p>Proteins should be covalently coupled with a blue chromophore except for two reference bands (one green and one red band at 25 kDa and 75 kDa respectively) when separated on SDS-polyacrylamide gel electrophoresis (SDS-PAGE) with Tris-glycine-SDS running buffer</p> <p>The ladder should be supplied in gel loading buffer and is ready to use. Do not heats, dilute, and add reducing agent before loading.</p> <p>should be Stable for up to 2 weeks at 25°C. Stable for up to 3 months at 4°C. For long term storage, store at -20°C.</p>	500ul	1
2	Terminal Deoxynucleotidyl Transferase	<p>enzyme should be template-independent DNA polymerase that catalyzes the repetitive addition of deoxyribonucleotides to the 3'-OH of oligodeoxyribonucleotides and single-stranded and double-stranded DNA.</p> <p>With RNA as template it should shows variable performance which strongly depends upon the tertiary structure of acceptor RNA 3'-end and the nature of nucleotide.</p> <p>the conc should be 20u/ul</p>	500 units	1
3	Biotin-11-dUTP Solution	<p>Biotin-11-dUTP (biotin-epsilon-aminocaproyl-[5-{3-aminoallyl}-2'-deoxyuridine-5'-triphosphate]) should be supplied as 1 mM aqueous solution titrated to pH 7.0 with NaOH and designed for enzymatic non-radioactive labelling of DNA.</p> <p>application of enzymes must be Enzymatic non-radioactive labeling of DNA by PCR</p> <ul style="list-style-type: none"> • Nick-translation • cDNA synthesis • Random primed labeling • Primer extension 	50ul	1

		<p>Biotin-11-dUTP must be enzymatically incorporated into DNA with:</p> <ul style="list-style-type: none"> • Reverse transcriptases • Taq DNA Polymerase • phi29 DNA Polymerase • Klenow Fragment, exo • Klenow Fragment • DNA Polymerase I 		
4	Plasmid Midi Kit	<p>Plasmid Kits should provide gravity-flow, anion-exchange tips for purification of transfection-grade plasmid DNA. Lysate clearing and isopropanol precipitation are achieved by centrifugation</p> <p>the kit can be used for following application Transfection Cloning PCR In vitro transcription</p> <p>Culture volume/starting material should be 3 ml–5 liters culture volume</p> <p>Yield should be <20 µg to <10 mg</p> <p>Time per run or prep per run: 80–320 min</p>	25 preps	1
5	Streptavidin-HRP Conjugate	<p>Streptavidin conjugated to reporter enzyme molecules for use in blotting and in situ hybridization applications.</p> <p>The conjugation of horseradish peroxidase and streptavidin is achieved using the periodate coupling method described by Nakane and co-workers.</p>	2mL	1
6	25cm ² Rectangular Canted Neck Cell Culture Flask with Vent Cap	25cm ² Rectangular Canted Neck Cell Culture Flask features a 25cm ² available growth area and is manufactured from optically clear virgin polystyrene. The neck style is canted and cap style is vented.	200/case	1

		<p>25cm² available growth area Manufactured from optically clear virgin polystyrene Treated for optimal cell attachment Printed with lot numbers for ease in traceability 100% integrity tested Sterile Nonpyrogenic</p> <p>Cap Diameter 20 mm</p> <p>Graduations Yes</p> <p>Cap Style Vented</p> <p>Surface Treatment TC-Treated</p> <p>Recommended Medium Volume 5 - 7.5 mL</p>		
7	75cm ² U-Shaped Canted Neck Cell Culture Flask with Vent Cap	<p>features a U-shaped design, which improves usability while maintaining the same environment for cell growth as previous designs. The U-shaped T-75 flask includes design advances, such as rounded shoulders, which allow for an easier grip and for better access when removing or tightening</p> <p>75 cm² cell growth area Manufactured from optically clear virgin polystyrene Treated for optimal cell attachment Printed with lot numbers for ease in traceability 100% integrity tested Sterile Nonpyrogenic</p> <p>Surface Treatment TC-Treated</p> <p>Graduations Yes</p> <p>Cap Style Vented</p> <p>Cap Diameter 28 mm</p> <p>Cap Material High density polyethylene</p> <p>Cap Color Orange</p> <p>Recommended Medium Volume 15 - 22.5 mL</p> <p>Sterile Yes</p> <p>Graduation Range 20 - 200 mL</p>	100/case	1

8	1000 mL Vacuum Filter/Storage Bottle System	<p>1000 mL Vacuum Filter/Storage Bottle System, 0.22 µm Pore 54.5cm² PES Membrane, Sterile</p> <p>Polyethersulfone (PES) membranes provide the fastest flow rates, the lowest protein binding and low extractables and are best for filtering cell culture media.</p> <p>1000 mL receiver bottles feature easy grip sides for improved handling.</p> <p>Additional storage bottles can be purchased to increase capacity.</p> <p>Bottle caps are supplied sterile and individually packaged.</p> <p>Angled hose connector simplifies vacuum line attachment.</p> <p>Individually packaged, sterile and nonpyrogenic.</p> <p>Each system has the membrane material and pore size printed on the unit and is color-coded by membrane type for easy product identification.</p> <p>Expiration date appears on the filter funnel and shipping boxes.</p> <p>Expiration date of the membrane is three years from the time the product is manufactured</p> <p>Bottle Capacity 1000 mL Filter Style Vacuum system Funnel Capacity 1000 mL Membrane Material Polyethersulfone Membrane Pore Size 0.22 µm Membrane Area 54.5 cm² Packaging Individually wrapped Graduations Yes Neck Diameter 45 mm</p>	12/case	1
9	500 mL Vacuum Filter/Storage Bottle	500 mL Vacuum Filter/Storage Bottle System, 0.22 µm Pore 33.2cm ² PES Membrane, Sterile, 12/Case	12/case	1

System

Polyethersulfone (PES) membranes provide the fastest flow rates, the lowest protein binding and low extractables and are best for filtering cell culture media.
500 mL receiver bottles feature easy grip sides for improved handling.
Additional storage bottles can be purchased to increase capacity.
Bottle caps are supplied sterile and individually packaged.
Angled hose connector simplifies vacuum line attachment.
Individually packaged, sterile and nonpyrogenic.
Each system has the membrane material and pore size printed on the unit and is color-coded by membrane type for easy product identification.
Expiration date appears on the filter funnel and shipping boxes.
Expiration date of the membrane is three years from the time the product is manufactured

Bottle Capacity 500 mL
Filter Style Vacuum system
Funnel Capacity 500 mL
Membrane Material Polyethersulfone
Membrane Pore Size 0.22 µm
Membrane Area 33.2 cm²
Packaging Individually wrapped
Graduations Yes
Neck Diameter 45 mm

10	5mL serological pipette	<p>Paper/plastic wrap allows easy opening by either pop-through or peel-apart techniques. It is also ideal for sterile tissue culture applications, especially while wearing latex gloves, as the wrap reduces static cling.</p> <p>Color-coding on paper allows easy size identification.</p> <p>Paper/plastic wrap allows full view</p> <p>Unique color-coded magnifying stripe for easier meniscus viewing.</p> <p>Sterile, individually wrapped, nonpyrogenic, DNase-/RNase-free, and Human DNA-free</p> <p>Accuracy within $\pm 2\%$ at full volume</p> <p>Lot numbers printed on each pipet wrapper</p> <p>Calibrated to deliver (TD-EX 20°C) their contents with blowout.</p>	200/case	5
		<p>Qty./Pk 50 / Pk</p> <p>Qty./Cs 200 / Cs</p> <p>Capacity 5 mL</p> <p>Pipet Style Serological</p> <p>Tip Shape Round</p> <p>Feature Disposable</p> <p>Graduation Interval 0.1 mL</p> <p>Negative Graduation 2.5 mL</p> <p>Color Coded Stripe Blue</p> <p>Sterile Yes</p> <p>Packaging Individually wrapped paper-plastic</p> <p>Length 348 mm (approx.)</p>		

11	10mL serological pipettes	<p>Paper/plastic wrap allows easy opening by either pop-through or peel-apart techniques. It is also ideal for sterile tissue culture applications, especially while wearing latex gloves, as the wrap reduces static cling.</p> <p>Color-coding on paper allows easy size identification.</p> <p>Paper/plastic wrap allows full view</p> <p>Unique color-coded magnifying stripe for easier meniscus viewing.</p> <p>Sterile, individually wrapped, nonpyrogenic, DNase-/RNase-free, and Human DNA-free</p> <p>Accuracy within $\pm 2\%$ at full volume</p> <p>Lot numbers printed on each pipet wrapper</p> <p>Calibrated to deliver (TD-EX 20°C) their contents with blowout.</p>	200/case	3
		<p>Qty./Pk 50 / Pk</p> <p>Qty./Cs 200 / Cs</p> <p>Capacity 10 mL</p> <p>Pipet Style Serological</p> <p>Tip Shape Round</p> <p>Feature Disposable</p> <p>Graduation Interval 0.1 mL</p> <p>Negative Graduation 3 mL</p> <p>Color Coded Stripe Orange</p> <p>Sterile Yes</p> <p>Packaging Individually wrapped paper-plastic</p> <p>Length 344 mm (approx.)</p>		
12	6-well Clear TC-treated Multiple Well Plates, Individually Wrapped, Sterile	<p>Flat bottoms</p> <p>Nonreversible lids with condensation rings to reduce contamination</p> <p>Individual alphanumeric codes for well identification</p> <p>Uniform footprint for ease in stacking</p> <p>Treated for optimal cell attachment</p> <p>Sterilized by gamma irradiation</p> <p>Nonpyrogenic</p>	50/case	1

		Qty./Pk 1 / Pk Qty./Cs 50 / Cs Plate Format 6-well Plate Feature Standard Plate Color Clear Well Volume 16.8 mL Cell Growth Area 9.5 cm ² (approx.) Recommended Medium Well Volume 1.9 - 2.9 mL Sterile Yes Lids Included Yes		
13	12-well Clear TC-treated Multiple Well Plates, Bulk Pack, Sterile	Flat bottoms Nonreversible lids with condensation rings to reduce contamination Individual alphanumeric codes for well identification Uniform footprint for ease in stacking Treated for optimal cell attachment Sterilized by gamma irradiation Nonpyrogenic	100/case	1
		Qty./Pk 5 / Pk Qty./Cs 100 / Cs Plate Format 12-well Plate Feature Standard Plate Color Clear Well Volume 6.9 mL Cell Growth Area 3.8 cm ² (approx.) Recommended Medium Well Volume 0.76 - 1.14 mL Sterile Yes Lids Included Yes		