

FORM DOC 0015 TECHNICAL BULLETIN M2145

Product Number:	M2145		
Product/Kit Name:	EZ RICH DEFINED MEDIUM MINUS SERINE		
Application:	<p>EZ Rich Medium is designed for the growth of <i>E.coli</i> and other enterobacterium. This formulation is a modification of Neidhardt supplemented MOPS defined media.</p> <p>Reference: Neidhardt, F.C., P.L. Bloch, and D.F. Smith. 1974. Culture medium for enterobacteria. J Bacteriol. 119:736-47</p>		
Assembly Instructions:	Part #	Description	Amount
	M2101	10X MOPS Mixture	100 mL
	M2102	0.132 M K2HP04	10 mL
	M2103	10X ACGU	100 mL
	M2146	5X Supplement EZ minus Serine	200 mL
	W0225	Sterile H2O	580 mL *
	G0520	20% Glucose	10 mL
		Total	1000 mL
	<ul style="list-style-type: none"> • A 20 % solution of glucose (G0520) is supplied with this kit to be used as the carbon source. Additional concentrated sugar solutions are available from Teknova. • Optional – 0.1mg/mL sterile solution of thiamine may be added for strains requiring thiamine. • * Sterilized H2O is not included in the kit but may be ordered separately. 		
Storage Criteria:	<p>M2101, M2103, M2146 should be stored frozen. M2102 and G0520 should be stored at room temperature. Excessive freezing will cause precipitation within the frozen components of this kit. Avoid temperatures below -20°C. Products can experience temperatures significantly below the set point when placed directly in front of the cold air stream within the freezer. Avoid placement of products in this air stream.</p> <p>When mixed, the media can be stored in the refrigerator for up to two weeks without loss in performance. Do not freeze mixed media.</p>		
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