

**AFFINITY HIS-TAG PURIFICATION  
 TECHNICAL SPECIFICATIONS  
 Glutathione Agarose BULK resins**

<b>BEAD (Geometry, size)</b>	Spherical, Standard: ~ 50-150 µm			
<b>CROSS-LINKED</b>	No <sup>(1)</sup>			
<b>AGAROSE</b>	4%			
<b>LIGAND</b>	Glutathione, linked via sulfur atom			
<b>SPACER ARM</b>	12 atoms			
<b>BINDING CAPACITY</b>	>8 mg recombinant GST / mL gel <sup>(2)</sup>			
<b>MATRIX</b>	Stable in 0.1M acetate pH 4.0, 0.1M NaOH, 70% ethanol or 6M guanidine hydrochloride for 2 hours at room temperature.			
<b>APPLICATION</b>	Batch, Gravity, MPLC and FPLC <sup>TM</sup>			
<b>RECOMMENDED FLOW RATES</b>	<u>Bed Volume</u>	<u>Inner Diameter</u>	<u>Sample Loading<sup>(3)</sup></u>	<u>Washing/Elution</u>
	1 mL	6.6 mm	0.2-1.0 ml/min	1.0 ml/min
	10mL	16 mm	0.5-5.0 ml/min	5.0 ml/min
<b>MAXIMUM LINEAR FLOW RATE</b>	250 cm/h			
<b>CATALOG NUMBER</b>	<a href="#">G-250</a>			
<b>ANTIMICROBIAL AGENT</b>	75% (v/v) aqueous suspension containing 20% EtOH			
<b>STORAGE</b>	4-8°C			

<sup>(1)</sup> Do NOT autoclave gel

<sup>(2)</sup> Orientative values for binding capacity. Binding capacity will vary for each GST-tagged protein.

<sup>(3)</sup> Slow flow rates are recommended for the loading step to allow maximal binding of the GST-tagged protein.

**For laboratory use only. Not for use in diagnostic or therapeutic procedures.**

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