



PRODUCT SPECIFICATION

catalog number:	J45210
product description:	Pepsinogen I Antigen
lot number:	[lot specific]
source:	Human Gastric Mucosa
form:	Lyophilized
purity:	>90% by SDS PAGE
buffer:	Lyophilized from tris chloride, pH 8.5.
molecular weight:	40,300 Da
total protein:	{lot specific} mg protein/vial ($E^{0.1\%}_{280nm} = 1.48$)
specific activity:	>500 U/mg protein (after activation) After reconstitution maintain at or above pH 8.0 to avoid activation
reconstitution:	1mg/ml 0.02M Tris-Chloride, pH8.0 buffer
storage:	-20°C (protect from moisture)
hazard/biohazard:	Donor material has been tested and found negative for HBsAg, HIV 1&2 and, HCV by FDA approved methods and was also found negative of viral DNA/RNA for HBV, HIV1, and HCV by PCR. However, this material should still be handled with caution as potentially hazardous.