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Product Datasheet

Anti-h PG I 8015 SPRN-5
100143

Product Name	Anti-h PG I 8015 SPRN-5
Catalog Number	100143
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	Mouse
Tested Applications	FIA, IT, LF
Alternative Names	Pepsinogen I, PG 1
Brand	Medix Biochemica
Form/Appear	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Storage	+2–8 °C
Isotype	IgG1
Clonality	Monoclonal
Epitope	Not determined
Purity	≥ 95 %
Affinity constant	KA= 4 x 10^{10} 1/M
Buffer	37 mM citrate, 125 mM phosphate, pH 6.0, 0.9 % NaCl, 0.095 % NaN3 as a preservative
IEF Profile	6.3–7.3
Cross Reactivity	Human Pepsinogen II 0.08 %, Porcine Pepsinogen < 0.01 %, Gastrin I < 0.01 %, Somatostatin < 0.01 %, Peptide YY < 0.01 %, Bombesin < 0.01 %, Cathepsin D < 0.05 %
Specificity	Antibody recognizes human pepsinogen I
Shelf Life	36 months