

PRODUCT SPECIFICATIONS

Name	Anti-h Gastrin-17 11701 SPTN-5
Specificity	Antibody recognizes human gastrin-17
Description	Monoclonal mouse antibody, cultured <i>in vitro</i> under conditions free from animal-derived components
Product code	100788
Product buffer solution	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
Shelf life and storage	12 months from manufacturing at 2–8 °C
Analyte description	Gastrin is a peptide hormone released by G cells in the stomach, duodenum, and the pancreas. Gastrin-17 is one of the biologically active forms of gastrin. Levels of gastrin-17 in the blood is measured to evaluate recurrent peptic ulcers, gastrinomas, and other serious abdominal symptoms.

PARAMETERS TESTED ON EACH LOT

Product appearance	Liquid, may turn slightly opaque during storage
Product concentration	5.0 mg/ml (+/- 10 %)
Immunoreactivity	80–120 % compared to the reference sample in an FIA test
IEF Profile	6.4 – 7.2
Purity	≥ 95 %

PARAMETERS DETERMINED DURING PRODUCT DEVELOPMENT

Subclass	IgG ₁
Association rate constant	Not Determined (N/D)
Dissociation rate constant	N/D
Affinity constant	N/D
Determination method	-
Determination antigen	-

Legal disclaimer

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Cross-reactivities

Does not cross-react with gastrin-14 or gastrin-34

Epitope

N-terminal part of gastrin-17

Pair recommendations

		DETECTION				
		11701	11702	11703	11705	11707
CAPTURE	11701	-	-	-	+	+
	11702	-	-	-	+	+
	11703	-	-	-	+	+
	11705	-	-	-	-	-
	11707	-	-	-	-	-

Please note that pair recommendations are based on results obtained by our laboratory. Equally good results may be obtained using other pairs and therefore these recommendations are only indicative.

Product stability

TEMPERATURE, TIME	RESULT
-70 °C, 21 days	OK
-20 °C, 21 days	OK
+4 °C, 21 days	OK
+35 °C, 21 days	OK
+45 °C, 7 days	OK

Stability testing is performed in the product buffer to see whether different temperatures affect the antigen binding, charge or composition of the antibody. Please note that the shelf life given on the first page is based on real time stability testing at 2-8 °C in the product buffer.

Miscellaneous

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References

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