

PRODUCT SPECIFICATIONS

Name	Anti-h Calcitonin 4050
Specificity	Antibody recognizes human calcitonin
Description	Monoclonal antibody raised against human calcitonin. <i>In vitro</i> cultured mouse hybridomas.
Product code	700019
Product buffer solution	0.1 M BBS, pH 8, 0.9 % NaCl
Shelf life and storage	60 months from manufacturing at 2-8 °C
Analyte description	Calcitonin is a peptide hormone secreted by the thyroid gland. Calcitonin concentrations are increased in patients with medullary thyroid carcinoma (MTC) and can be used to diagnose and monitor the disease.

PARAMETERS TESTED ON EACH LOT

Product appearance	Liquid
Product concentration	> 1.0 mg/ml
Immunoreactivity	Passed in ELISA when Anti-h Calcitonin antibody 4050 was used as a detection antibody
IEF Profile	6.3 – 7.3
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	N/D	
Epitope	N/D	
Pair recommendations	CAPTURE ANTIBODY 4050 4004, 4005, 4051	DETECTION ANTIBODY 4004, 4005, 4051 4050
	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 N/D	RESULT -
Miscellaneous	-	
References	-	

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