

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
Subclass	IgG ₁
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 %

Kinetic parameters

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

Legal disclaimer

Medix Biochemica products meet their specifications if transported, stored and used according to the instructions. MedixMAB and MedixAntigens are trademarks of Medix Biochemica and may not be used or reproduced without Medix Biochemica's written permission.



Cross-reactivities N/D

Epitope N/D

Pair recommendations

		DETECTION			
		4004	4005	4050	4051
CAPTURE	4004	-	-	+	-
	4005	-	-	+	-
	4050	+	+	-	+
	4051	-	-	+	-

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.

Platforms tested ELISA

Antigens tested N/D

Product stability TEMPERATURE, TIME RESULT
N/D -

Miscellaneous -

References -

