

Product specifications

Name	Anti-h Calcitonin 4051
Specificity	Antibody recognizes human calcitonin and procalcitonin
Description	Monoclonal antibody raised against human calcitonin. <i>In vitro</i> cultured mouse hybridomas.
Product code	700020
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	Not Determined (N/D)
IEF Profile	6.0 – 6.3
Purity	≥ 95 %

Kinetic parameters

Association rate constant	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 For calcitonin

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

For procalcitonin (PCT)

		DETECTION					
		4003	4004	4005	4006	4008	4051
CAPTURE	4003	-	+	+	-	-	+
	4004	+	-	-	+	+	-
	4005	+	-	-	+	+	-
	4006	-	+	+	-	-	+
	4008	-	+	+	-	-	+
	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 Recombinant PCT antigen, Medix Biochemica 610080

Product stability TEMPERATURE, TIME RESULT

N/D

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Miscellaneous -

References -

