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Anti-h Calcitonin 4050

Product overview						
Catalog number	700019					
Specificity	Antibody recognizes human calcitonin					
Description	Monoclonal antibody raised against human calcitonin. <i>In vitro</i> cultured mouse hybridomas.					
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	lgG1					
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	-					



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Determination antigen

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Cross-reactivities	N/D							
Epitope	N/D							
Pair recommendations			DETECTION]	
			4004	4005	4050	4051		
	ш	4004	-	-	+	-]	
	L R	4005	-	-	+	-		
	CAPTURE	4050	+	+	-	+		
	0	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 N/D				RES	SULT		
Miscellaneous	-							
References	-							



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