

Product specifications

Name	Anti-h T3 10550
Specificity	Antibody recognizes human triiodothyronine (T3)
Description	Monoclonal antibody raised against human T3. <i>In vitro</i> cultured mouse hybridomas.
Product code	700015
Product buffer solution	0.1 M PBS, pH 7.4, 0.9 % NaCl, 0.05 % NaN ₃ as a preservative
Shelf life and storage	60 months from manufacturing at 2–8 °C
Subclass	IgG ₁
Analyte description	T3, also known as triiodothyronine, is a thyroid hormone secreted by the thyroid gland. T3 is involved in controlling the rate of metabolic processes in the body and influencing physical development. T3 measurements are used for diagnosing thyroid disorders.

Parameters tested on each lot

Product appearance	Liquid
Product concentration	> 1.0 mg/ml
Immunoreactivity	Passed in ELISA when Anti-h T3 antibody 10550 was used as a capture antibody
IEF Profile	6.7–7.1
Purity	≥ 95 %

Kinetic parameters

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

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Cross-reactivities	L-3,3',5-triiodothyronine (L-T3)	100 %
	L-thyroxine (L-T4)	0,17 %
	D-thyroxine (D-T4)	0,04 %
	3,3',5-triiodothyroacetic acid (TRIAC)	52 %
	3,5-diiodo-L-tyrosine	0,22 %
Epitope	N/D	
Pair recommendations	-	
Platforms tested	ELISA	
Antigens tested	Triiodothyronine BSA Conjugate antigen, Lee Biosolutions 581-05	
Product stability	TEMPERATURE, TIME	RESULT
	N/D	
Miscellaneous	-	
References	-	

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