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Product Datasheet

Anti-h TSH 5401 SP-1
100023

Product Name	Anti-h TSH 5401 SP-1
Catalog Number	100023
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	Mouse
Tested Applications	CLIA, FIA, LF
Alternative Names	Thyrotropin
Brand	Medix Biochemica
Form/Appear	Liquid, may turn slightly opaque during storage
Concentration	1.0 mg/ml (+/- 10 %)
Storage	+2–8 °C
Isotype	IgG1
Clonality	Monoclonal
Epitope	Group 1
Purity	≥ 95 %
Affinity constant	KA= 5.1 x 10^{9} 1/M; KD= 2.0 x 10^{-10} M (= 0.20 nM)
Buffer	0.9 % NaCl, 0.095 % NaN3 as a preservative
IEF Profile	6.6–7.7
Cross Reactivity	hCG 0.1 %, LH 0.8 %, FSH 1.0 %
Specificity	Antibody recognizes human thyrotropin and its free beta subunit
Shelf Life	12 months
References	Wu, F.-B., Han, S.-Q. and He, Y.-F. (22) Time-resolved immunofluorometry of serum hTSH with enhanced sensitivity. J. Immunoassay & Immunochem., 23(2):191-21