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Product Datasheet

Anti-h TSH 5407 SPTN-5 100254

Product Name	Anti-h TSH 5407 SPTN-5
Catalog Number	100254
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	5.0 mg/ml (+/- 10 %)
Storage	+2–8 °C
Isotype	IgG1
Clonality	Monoclonal
Epitope	Group 3
Purity	≥ 95 %
Affinity constant	KA= 5.4 x 10^{9} 1/M; KD= 1.8 x 10^{-10} M (= 0.18 nM)
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN3 as a preservative
IEF Profile	5.6–7.0
Cross Reactivity	TSH a < 0.5 %, TSH ß 77.4 %, hCG < 0.5 %, LH < 0.5 %, FSH < 0.5 %
Specificity	Antibody recognizes human thyrotropin and its free beta subunit
Shelf Life	24 months