

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, LF, FIA
Alternative Names	Thyrotropin
Brand	Medix Biochemica
Form/Appearance	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	$K_A = 5.4 \times 10^9$ 1/M; $K_D = 1.8 \times 10^{-10}$ M (= 0.18 nM)
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
IEF Profile	5.6-7.0
Cross Reactivity	TSH α < 0.5 %, TSH β 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