

Product Datasheet

Anti-h TSH 5408 SPTN-1 100033

Product Name	Anti-h TSH 5408 SPTN-1
Catalog Number	100033
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	1.0 mg/ml (+/- 10 %)
Storage	+2-8 °C
Isotype	IgG1
Clonality	Monoclonal
Epitope	Group 1
Purity	≥ 95 %
Affinity constant	$K_A = 2.5 \times 10^{10} \text{ l/M}$; $K_D = 4.0 \times 10^{-11} \text{ M}$ (= 0.04 nM)
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
IEF Profile	6.6-7.3
Cross Reactivity	TSH a < 0.08 %, hCG < 0.08 %, LH < 0.08 %, FSH < 0.08 %
Specificity	Antibody recognizes human thyrotropin and its free beta subunit
Shelf Life	36 months