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Product Datasheet

Anti-Thyroxine 6901 SPTN-5 100348

Product Name	Anti-Thyroxine 6901 SPTN-5
Catalog Number	100348
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Tested Applications	FIA
Brand	Medix Biochemica
Form/Appearanc	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Storage	+2-8°C
Note	In Zhang et al. (2002) authors combined a competitive immunoassay with inductively coupled plasma mass spectroscopy ICP-MS as a detection method to develop a total T4 assay with a detection limit of 7.4 ng/mL in a 25 µl sample volume.
Isotype	IgG1
Clonality	Monoclonal
Epitope	N/D
Purity	≥ 95 %
Associated Products	Thyroxine (T4) antigen, BSA conjugate, Lee Biosolutions 581-10
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN3 as a preservative
IEF Profile	7.0–7.9
Cross Reactivity	T3 (3,3',5-triiodothyronine) 6.9 %, rT3 (3,3',5'-triiodothyronine, reverse T3) 6.1 %, 3,5-diiodothyronine < 0.1 %
Specificity	Antibody recognizes human thyroxine
Shelf Life	36 months
References	Zhang, C., Wu, F. and Zhang X. (2002) ICP-MS-based competitive immunoassay for the determination of total thyroxin in human serum. J. Anal. At. Spectrom., 17:1304-1307