

Product Datasheet

Anti-h AFP 5107 SP-1 100014

Product Name	Anti-h AFP 5107 SP-1
Catalog Number	100014
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Tested Applications	FIA
Brand	Medix Biochemica
Form/Appearance	Liquid, may turn slightly opaque during storage
Concentration	1.0 mg/ml (+/- 10 %)
Storage	+2-8°C
Note	Authors in Koskinen et al. (2005) developed a dry- and wet-chemistry based assay methods for AFP with detection limits of 0.41 ng/mL and 0.67 ng/mL, respectively.
Isotype	IgG1
Clonality	Monoclonal
Epitope	N/D
Purity	≥ 95 %
Affinity constant	$KA = 4 \times 10^{10}$ 1/M
Associated Products	Native AFP antigen, Lee Biosolutions, 105-11
Buffer	0.9 % NaCl, 0.095 % NaN ₃ as a preservative
IEF Profile	6.5-7.2
Cross Reactivity	Does not recognize human albumin. Others not tested.
Specificity	Antibody recognizes human Alpha1-fetoprotein
Shelf Life	24 months
References	Koskinen, J.O., Meltola, N.J., Soini, E. and Soini, A.E. (2005) A lab-on-a-chip compatible bioaffinity assay method for human α -fetoprotein. Lab Chip, 5:1408-1411. Stenman, U.-H., Sutinen, M.-L., Selander, R.-K., Tontti, K. and Schröder, J. (1981) Characterization of a monoclonal antibody to human alpha-fetoprotein and its use in affinity chromatography. J. Immunol. Meth., 46:337-345.