

## Product Datasheet

### Anti-h Hemoglobin 7202 SPR-5 100079

<b>Product Name</b>	Anti-h Hemoglobin 7202 SPR-5
<b>Catalog Number</b>	100079
<b>Description</b>	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
<b>Tested Applications</b>	LF, FIA
<b>Brand</b>	Medix Biochemica
<b>Form/Appearance</b>	Liquid, may turn slightly opaque during storage
<b>Concentration</b>	5.0 mg/ml (+/- 10 %)
<b>Storage</b>	+2-8°C
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Epitope</b>	N/D
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	$KA = 1 \times 10^{10} \text{ 1/M}$
<b>Associated Products</b>	Native hemoglobin antigen, Medix Biochemica 338-10 and native glycated hemoglobin HbA1, Medix Biochemica 325-10.
<b>Buffer</b>	37 mM citrate, 125 mM phosphate, pH 6.0, 0.095 % NaN <sub>3</sub> as a preservative
<b>IEF Profile</b>	6.2-6.7
<b>Cross Reactivity</b>	Albumin < 0.01 %, Haptoglobin < 0.4 %, Myoglobin < 0.03 %, Transferrin < 0.01 %. Does not recognize bovine, sheep, horse or pig hemoglobin.
<b>Specificity</b>	Antibody recognizes human hemoglobin (A0 and A1 equally well, A2 with lower affinity, and As with very low affinity)
<b>Shelf Life</b>	36 months