

## Product Datasheet

### Anti-h IgE 8518 SPRNE-1 100106

<b>Product Name</b>	Anti-h IgE 8518 SPRNE-1
<b>Catalog Number</b>	100106
<b>Description</b>	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
<b>Tested Applications</b>	FIA
<b>Alternative Names</b>	Anti-human immunoglobulin E
<b>Brand</b>	Medix Biochemica
<b>Form/Appearance</b>	Liquid, may turn slightly opaque during storage
<b>Concentration</b>	1.0 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>	$K_A = 1.2 \times 10^{10} \text{ 1/M}$
<b>Buffer</b>	37 mM citrate, 125 mM phosphate, pH 6.0, 0.9 % NaCl, 25 % ethylene glycol, 0.095 % NaN <sub>3</sub> as a preservative
<b>IEF Profile</b>	6.2-8.0
<b>Cross Reactivity</b>	Human IgA <0.08 % Human IgG <0.08 % Human IgM <0.08 %
<b>Specificity</b>	Antibody recognizes human immunoglobulin E
<b>Shelf Life</b>	36 months