

## Product Datasheet

### Anti-h PRL 5601 SP-5 100967

<b>Product Name</b>	Anti-h PRL 5601 SP-5
<b>Catalog Number</b>	100967
<b>Description</b>	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
<b>Species/Host</b>	Mouse
<b>Tested Applications</b>	CLIA, LF, FIA
<b>Alternative Names</b>	Prolactin
<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>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Epitope</b>	Not determined
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	$K_A = 2.6 \times 10^{10} \text{ l/M}$
<b>Buffer</b>	0.9 % NaCl, 0.095 % NaN <sub>3</sub> as a preservative
<b>IEF Profile</b>	6.4-7.5
<b>Cross Reactivity</b>	GH < 0.05 %, PL < 0.005 %
<b>Specificity</b>	Antibody recognizes human prolactin (luteotropic hormone, or luteotropin)
<b>Matched Pairs</b>	Following pairs are especially recommended for the below mentioned assays: LF: 5602 (membrane) - 5601 (particles)
<b>Shelf Life</b>	36 months