

## Product Datasheet

### Anti-h GH 5801 SP-1 100041

<b>Product Name</b>	Anti-h GH 5801 SP-1
<b>Catalog Number</b>	100041
<b>Description</b>	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
<b>Tested Applications</b>	FIA
<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>Note</b>	The antibody recognizes growth hormone isoform 22K, and does not recognize isoform 20K. Others not tested
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Epitope</b>	N/D
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	$KA = 2 \times 10^{10} \text{ 1/M}$
<b>Associated Products</b>	Native GH antigen Lee Biosolutions 996-21
<b>Buffer</b>	0.9 % NaCl, 0.095 % NaN3 as a preservative
<b>IEF Profile</b>	6.1-7.4
<b>Cross Reactivity</b>	PRL 1.0 %, PL 0.2 %
<b>Specificity</b>	Antibody recognizes human growth hormone (GH)
<b>Shelf Life</b>	36 months
<b>References</b>	Erb, T., Karolyi, G., Pampalone, A., Eberle, A.N., Baumann, J.B., Bürgisser, E., and Girard, J., (1988) Human growth hormone in urine: development of an ultrasensitive radiometric assay. <i>Experientia</i> , 44:155-157