

Product Datasheet

Anti-h GH 5801 SP-1 100041

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| Product Name | Anti-h GH 5801 SP-1 |
| Catalog Number | 100041 |
| 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 | The antibody recognizes growth hormone isoform 22K, and does not recognize isoform 20K. Others not tested |
| Isotype | IgG1 |
| Clonality | Monoclonal |
| Epitope | N/D |
| Purity | ≥ 95 % |
| Affinity constant | $KA = 2 \times 10^{10} \text{ 1/M}$ |
| Associated Products | Native GH antigen Lee Biosolutions 996-21 |
| Buffer | 0.9 % NaCl, 0.095 % NaN3 as a preservative |
| IEF Profile | 6.1-7.4 |
| Cross Reactivity | PRL 1.0 %, PL 0.2 % |
| Specificity | Antibody recognizes human growth hormone (GH) |
| Shelf Life | 36 months |
| References | 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 |