

## PRODUCT SPECIFICATIONS

<b>Name</b>	Anti-h Insulin 9351
<b>Specificity</b>	Antibody recognizes human insulin
<b>Description</b>	Monoclonal antibody raised against human Insulin. <i>In vitro</i> cultured mouse monoclonal antibody.
<b>Product code</b>	700014
<b>Product buffer solution</b>	0.1 M PBS, pH 7.4, 0.9 % NaCl, 0.05 % NaN <sub>3</sub> as a preservative
<b>Shelf life and storage</b>	60 months from manufacturing at 2-8 °C
<b>Analyte description</b>	Insulin is a peptide hormone produced in the pancreas by the beta cells. It is formed as a precursor molecule preproinsulin which is cleaved into proinsulin and further to mature insulin. Insulin is important for carbohydrate and fat metabolism and its deficiency leads to diabetes mellitus.

## PARAMETERS TESTED ON EACH LOT

<b>Product appearance</b>	Liquid
<b>Product concentration</b>	> 1.0 mg/ml
<b>Immunoreactivity</b>	Passed in ELISA when Anti-h Insulin antibody 9351 was used as a capture antibody
<b>IEF Profile</b>	6.8 – 7.2
<b>Purity</b>	≥ 95 %

## PARAMETERS DETERMINED DURING PRODUCT DEVELOPMENT

<b>Subclass</b>	IgG <sub>1</sub>
<b>Association rate constant</b>	N/D
<b>Dissociation rate constant</b>	N/D
<b>Affinity constant</b>	N/D
<b>Determination method</b>	-
<b>Determination antigen</b>	-

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**Cross-reactivities**

N/D

**Epitope**

N/D

**Pair recommendations**CAPTURE ANTIBODY  
9351DETECTION ANTIBODY  
9350

Please note that pair recommendations are based on results obtained by our laboratory. Equally good results may be obtained using other pairs and therefore these recommendations are only indicative.

**Product stability**TEMPERATURE, TIME  
N/D

RESULT

**Miscellaneous****References**

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