

## Anti-h Insulin 9350

### Product overview

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<b>Catalog number</b>	700013
<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 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>	10 years from manufacturing at 2–8 °C
<b>Subclass</b>	IgG <sub>1</sub>
<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

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<b>Product appearance</b>	Liquid
<b>Product concentration</b>	> 1.0 mg/ml
<b>Immunoreactivity</b>	Passed in ELISA when Anti-h Insulin antibody 9350 was used as a detection antibody
<b>IEF Profile</b>	6.8–7.2
<b>Purity</b>	≥ 95 %

### Kinetic parameters

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<b>Association rate constant</b>	Not Determined (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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<b>Cross-reactivities</b>	N/D	
<b>Epitope</b>	N/D	
<b>Pair Recommendations</b>	CAPTURE ANTIBODY 9351	DETECTION 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.

<b>Platforms tested</b>	ELISA	
<b>Antigens tested</b>	N/D	
<b>Product stability</b>	TEMPERATURE, TIME N/D	RESULT
<b>Miscellaneous</b>	-	
<b>References</b>	-	



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