

PRODUCT SPECIFICATIONS

Name	Anti-h Insulin 9350
Specificity	Antibody recognizes human insulin
Description	Monoclonal antibody raised against human Insulin. <i>In vitro</i> cultured mouse monoclonal antibody.
Product code	700013
Product buffer solution	0.1 M PBS, pH 7.4, 0.9 % NaCl, 0.05 % NaN ₃ as a preservative
Shelf life and storage	60 months from manufacturing at 2-8 °C
Analyte description	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

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

PARAMETERS DETERMINED DURING PRODUCT DEVELOPMENT

Subclass	IgG ₁
Association rate constant	N/D
Dissociation rate constant	N/D
Affinity constant	N/D
Determination method	-
Determination antigen	-

Legal disclaimer

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Cross-reactivities

N/D

Epitope

N/D

Pair recommendationsCAPTURE 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 stabilityTEMPERATURE, TIME
N/D

RESULT

Miscellaneous**References**

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