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Anti-h Insulin 9350

Product overview		
Catalog number	700013	
Specificity	Antibody recognizes human insulin	
Description	Monoclonal antibody raised against human Insulin. <i>In vitro</i> cultured mouse monoclonal antibody.	
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	
Subclass	lgG1	
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 %	
Kinetic parameters		
Association rate constant	Not Determined (N/D)	
Dissociation rate constant	N/D	
Affinity constant	N/D	
Determination method	-	



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Determination antigen

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Cross-reactivities	N/D		
Epitope	N/D		
Pair Recommendations	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.		
Platforms tested	ELISA		
Antigens tested	N/D		
Product stability	TEMPERATURE, TIME N/D	RESULT	
Miscellaneous	-		
References	-		



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