

Monoclonal Anti-human Insulin Antibody

Specification Sheet

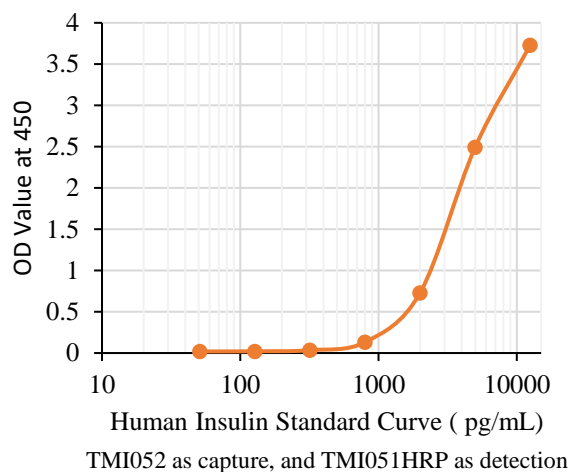
Catalog Number	Unit Size
TMI051-0.2MG	0.2mg
TMI051-1MG	1mg

Description: Monoclonal Anti-human insulin antibody. This item (TMI051) as a detection antibody can be paired with TMI052 as a capture antibody for ELISA. The ELISA performance is displayed in Figure 1.

Specificity: This antibody reacts specifically with human insulin (100%). It does not react with C-peptide.

Host Animal:	Balb/c mouse.
Isotype:	IgG1.
Source:	Mouse ascites.
Immunogen:	Synthetic human insulin.
Format:	Purified, liquid.
Conjugate:	No.
Purification:	DEAE chromatography.
Concentration:	4.93 mg/ml.
Affinity Constant:	Not determined.
Buffer:	10 mM PBS, 0.05% NaN ₃ , pH 7.2.
Pairing Assays:	Pair with TMI052 (capture antibody).
Purity:	>95% by HPLC and SDS-PAGE.
Application:	For human Insulin quantitative assays by EIA or CLIA, Lateral Flow, and microfluidics.
Storage:	2-8°C for 1 year. Long-term store at -20°C.

Fig.1 Human Insulin ELISA



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