

## Monoclonal Anti-human Insulin Antibody

### Specification Sheet

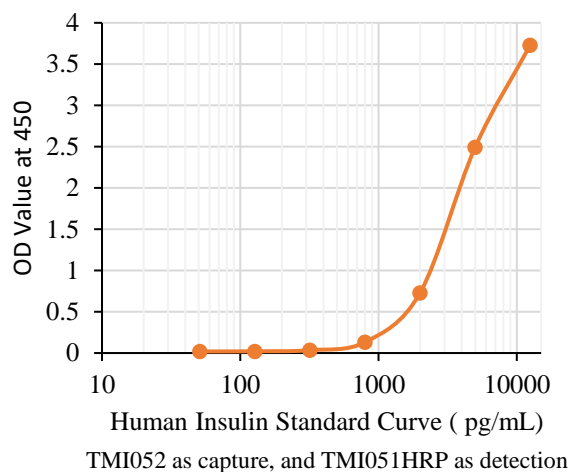
Catalog Number	Unit Size
TMI052-0.2MG	0.2mg
TMI052-1MG	1mg

**Description:** Monoclonal Anti-human insulin antibody. This item (TMI052) as a capture antibody can be paired with TMI051/TMI051HRP as a detection 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.

<b>Host Animal:</b>	Balb/c mouse.
<b>Isotype:</b>	IgG1.
<b>Source:</b>	Mouse ascites.
<b>Immunogen:</b>	Synthetic human insulin.
<b>Format:</b>	Purified, liquid.
<b>Conjugate:</b>	No.
<b>Purification:</b>	DEAE chromatography.
<b>Concentration:</b>	3.71 mg/ml.
<b>Affinity Constant:</b>	Not determined.
<b>Buffer:</b>	10 mM PBS, 0.05% NaN <sub>3</sub> , pH 7.2.
<b>Pairing Assays:</b>	Pair with TMI051/TMI051HRP (detection antibody).
<b>Purity:</b>	>95% by HPLC and SDS-PAGE.
<b>Application:</b>	For human Insulin quantitative assays by EIA or CLIA, Lateral Flow, and microfluidics.
<b>Storage:</b>	2-8°C for 1 year. Long-term store at -20°C.

Fig.1 Human Insulin ELISA



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