

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #:	E86104M	Lot #:	2G19316				
Description:	MAb to Proinsulin Monoclonal Antibody to Human Proinsulin						
Specificity:	Does not cross-react with human, bovine, porcine insulin, bovine and porcine proinsulin and human C- peptide.						
Host Animal:	Mouse. Hybridization of X63-Ag8-653 myeloma cells with spleen cells of a Balb/c mice.	Isotype:	IgG ₁ , kappa				
Immunogen:	Purified Human Proinsulin						
Format:	Purified, Liquid						
Purification:	> 90% pure (SDS-PAGE). Protein A Chromatography.						
Concentration:	10 . 5 mg/mL (OD280nm, E ^{0.1%} =1.4)						
Affinity Constant:	2.6 x 10 ⁻⁷ M						
Buffer:	Phosphate Buffered Saline, pH 7.4						
Preservatives:	0.09% Sodium Azide						
Application:	Detection of human proinsulin in two-site enzyme Immunoassay. Can be used in Immunohistochemistry on frozen sections. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended pair for sandwich immunoassay: <table><tbody><tr><td><u>Capture</u></td><td><u>Detection</u></td></tr><tr><td>E86104M</td><td>E86210M + E86307M</td></tr></tbody></table>			<u>Capture</u>	<u>Detection</u>	E86104M	E86210M + E86307M
<u>Capture</u>	<u>Detection</u>						
E86104M	E86210M + E86307M						
Storage:	Store at 2–8°C.						
Safety Notes (s):	Refer to the appropriate Safety Data Sheet (SDS) for additional information.						

Brenda Dunn

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY