



Mouse Monoclonal Biotinylated Anti-CRM

Catalog: MabIE6-biotin

Clone: 1397FA10 IE6 - BIOTIN

Batch: MOS291

Format: Purified by Protein A Chromatography

Antigen: CRM197 conjugated to Pn14 Polysaccharide

Isotype: Mouse IgG2a

Concentration: 677 µg/ml in PBS based on OD₂₈₀.

Volume: 300 µl (~ 203 µg)

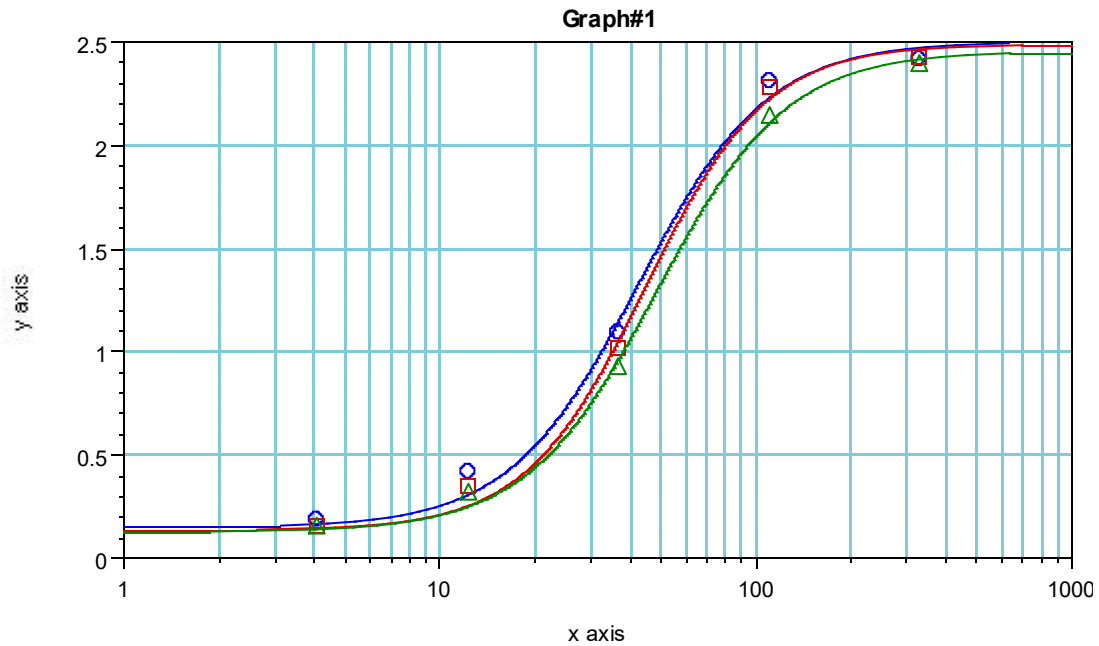
Working Dilution For ELISA: to be determined by end user. Suggested starting concentration for ELISA using plates coated with 1 µg/ml CRM197: 0.33 µg/ml or less.

Storage: The solution may be stored at 2-8°C for up to 90 days from date of receipt. Discard material with any signs of contamination. For long term storage of up to three years, dispense in single use aliquots and store at -70°C or colder. Avoid repeated freeze-thaw cycles. Alternatively, the solution may be mixed with glycerol to achieve a final concentration of 50% glycerol and stored at -20°C for up to three years.

NOTE: This solution has been filtered through a 0.22 micron filter. However, note that **sterility is not guaranteed.**

**THIS PRODUCT IS FOR RESEARCH APPLICATIONS ONLY AND IS NOT
INTENDED FOR USE IN HUMANS**

Titration of 1397FA10 IE6 on CRM-Coated Plate



	A	B	C	D	R ²
Plot#1 (Biotin Chonblock: Concentration vs MeanVal...)	0.145	2.13	42.6	2.5	0.994
Plot#2 (Biotin PBS: Concentration vs MeanValue)	0.131	2.28	44.8	2.49	0.996
Plot#3 (Biotin Stabilblock: Concentration vs MeanVal...)	0.123	2.11	48.6	2.45	0.997

Weighting: Fixed

Greiner High Bind Immunoassay Stripwells were coated with 100 μ l/well of a 1 μ g/ml of CRM197 solution in PBS (Fina Biosolutions) for 20 hours at room temperature. Selected wells were blocked with Chondrex Chonblock, Surmodics Stabilblock or were tested without blocking (PBS) as noted in the graph. The plate was then washed with Imidazole Buffered Saline/Tween20 (IBS-T) and biotinylated monoclonal anti-CRM (1397FA10 IE6) was added at the indicated concentrations and incubated for 55-60 minutes at room temperature. After washing detection reagent (Streptavidin-HRP; Southern Biotechnologies) was added to all wells and incubated for 30 minutes at room temperature. The plate was again washed and substrate (TMB; Moss Substrates) was added. Following a 15 minute incubation at room temperature in the dark, the reactions were stopped by addition of an equal volume of 0.5N HCl and absorbance values were determined at 450 nm.

THIS PRODUCT IS FOR RESEARCH APPLICATIONS ONLY AND IS NOT INTENDED FOR USE IN HUMANS