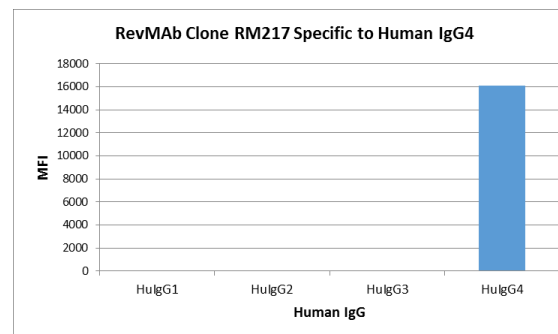
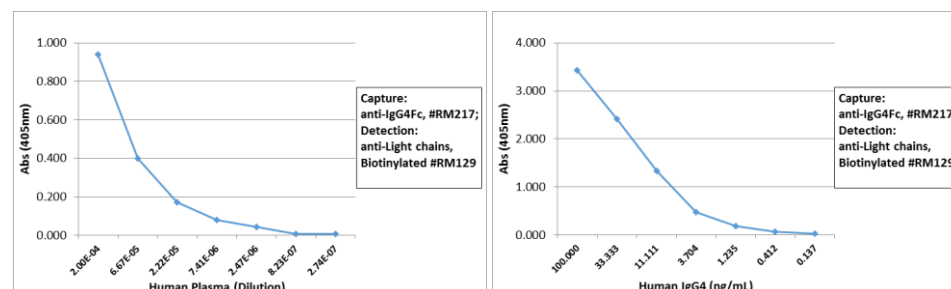


Certificate of Analysis

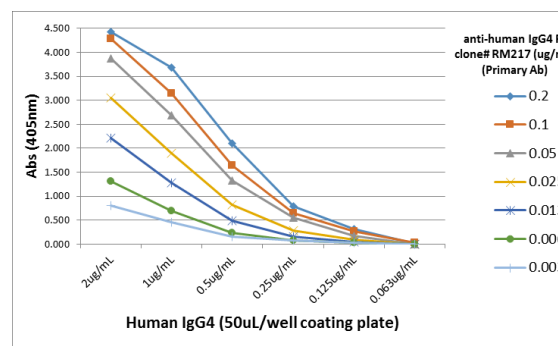
Product:	Rabbit Monoclonal Antibody Biotin Anti-Human IgG4 Fc Rabbit Monoclonal Antibody, Clone RM217
Catalog No.:	31-1100-02
Lot No.:	
Clone	RM217
Specificity	This antibody reacts to the Fc region of human IgG4. No cross reactivity with human IgG1, IgG2, IgG3, IgM, IgA, IgD, IgE, mouse IgG, rat IgG, or goat IgG.
Application:	ELISA
Immunogen:	Peptide corresponding to the Fc region of Human IgG4
Purity:	Protein A affinity purified from an animal origin-free culture supernatant
Size:	50 µg
Concentration:	1.0 mg/mL
Buffer:	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Usage:	ELISA: 50ng/well – 200ng/well (for Capture); 0.05µg/mL – 0.2µg/mL (for Detection).
Storage and Stability:	Stable for 1 Year at -20.0°C from date of receipt.
Country of Origin:	U.S.A.
Intended Use:	For Research Use Only Not for Diagnostic or Therapeutic Use



RM217 specifically reacts to human IgG4. No cross reactivity with human IgG1, IgG2, IgG3



Sandwich ELISA using RM217 as the capture antibody, and Biotinylated anti-human light chains (κ+λ) antibody RM129 as the detection antibody, followed by an AP conjugated streptavidin.



A titer ELISA using RM217. The plate was coated with different amounts of human IgG4. A serial dilution of RM217 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.