

MONOTOPE™ product information for

Ebola virus - VP40

I. Monoclonal Antibody (Mouse) Specificity

Product No.'s	Ig class	
2611	na	IgG2b Reactive with the VP40 of Sudan & Zaire sequences. Reactive with VLPs in ELISA & WB.
2612	na	IgG2b Reactive with the VP40 of Sudan & Zaire sequences. Reactive with VLPs in ELISA & WB. See pairing below.
2613	na	IgG2b Reactive with the VP40 of Sudan & Zaire sequences. Reactive with VLPs in ELISA & WB. See pairing below.
2614	na	IgG2b Reactive with the VP40 of Sudan & Zaire sequences. Reactive with VLPs in ELISA & WB. See pairing below.
2615	na	IgG2a Reactive with the VP40 of Sudan & Zaire sequences. Reactive with VLPs in ELISA & WB. See pairing below.
2616	na	IgG2b Reactive with the VP40 of Sudan & Zaire sequences. Reactive with VLPs in ELISA & WB.

II. Purified Preparations

Product No.'s
2611
2612
2613
2614
2615
2616

MONOTOPE™ purified preparations consist of >90% pure mouse monoclonal antibody which has been purified from ascites fluid or culture medium by protein A chromatography or sequential differential precipitations. The final preparation is formulated to a protein concentration of 100 µg/ml in 0.01 M phosphate buffered saline, pH 7.2 and contains 0.1% sodium azide. Each vial contains 1.0 ml. This product contains no stabilizing proteins and should be stored at 2-8°C until ready for use.

Working dilution must be determined by the user. Suggested starting ranges are 1:10-1:50 for IFA and 1:20-1:200 for ELISA.

THESE PRODUCTS ARE FOR RESEARCH USE ONLY NOT FOR USE IN DIAGNOSTIC PROCEDURES

III. Fluorescein Conjugates

Product No.'s
na
na
na
na
na
na

These MONOTOPE™ products consist of purified monoclonal antibody conjugated with high purity isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product. The final preparation is formulated to an antibody concentration of 100 µg/ml in 0.01 M phosphate buffered saline, pH 7.2 containing 0.1% sodium azide plus bovine serum albumin at 10 mg/ml. Each vial contains 1.0 ml. This product should be stored at 2-8°C until ready for use. Avoid repeated freeze-thawing by storing multiple aliquots at -20°C. Applications for these products include direct FA staining of target antigen in a permissive tissue culture system. Working strength must be determined by the user for each specific application but a starting range of 1:5 - 1:20 is recommended. Acetone fixation of the antigen source is recommended prior to staining.

THESE PRODUCTS ARE FOR RESEARCH USE ONLY NOT FOR USE IN DIAGNOSTIC PROCEDURES

Comments: Best ELISA pairs (capture-conjugate): 2614-2612, 2613-2612, 2615-2612