

**Zaire Ebolavirus Human Immunoglobulin (IgG) Panel (anti-glycoprotein)**

**Catalog No. NR-52374**

This reagent is the property of the U.S. Government.

**Product Description:**

NR-52374 is a Zaire Ebolavirus Human Immunoglobulin (IgG) Panel for testing human serum samples via the Filovirus Animal Nonclinical Group anti-Ebolavirus glycoprotein (GP) immunoglobulin Enzyme-Linked Immunosorbent Assay [FANG anti-EBOV GP IgG ELISA; Rudge, T. L. Jr., et al. "Development, Qualification, and Validation of the Filovirus Animal Nonclinical Group Anti-Ebola Virus Glycoprotein Immunoglobulin G Enzyme-Linked Immunosorbent Assay for Human Serum Samples." PLoS One 14 (2019): e0215457. PubMed: 30998735]. The ELISA method reproducibly quantifies levels of anti-EBOV GP IgG antibodies in human serum samples from EBOV disease survivors and vaccinated individuals. The panel was created from various dilutions of a pooled positive human serum from Phase 1 clinical trial volunteers into naïve human serum. The panel is comprised of 10 individual reagent lots.

**Lot: 70034574**

**Manufacturing Date: 08JUN2018**

Catalog No.	Target Concentration (ELISA Units/mL)	Concentration (ELISA Units/mL)
NR-51975	40,000	37,594.39 (SD 9,202.22)
NR-51976	20,000	17,516.15 (SD 4,716.99)
NR-51977	10,000	7,982.79 (SD 3,040.51)
NR-51978	5,000	4,519.45 (SD 1,154.70)
NR-51979	1,000	971.55 (SD 246.51)
NR-51980	500	371.73 (SD 86.54)
NR-51981	250	188.51 (SD 50.18)
NR-51982	125	102.38 (SD 22.65)
NR-51983	75	73.82 (SD 12.01)
NR-51984	0	0

/Heather Couch/  
Heather Couch

12 MAY 2020

Program Manager or designee, ATCC Federal Solutions

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