

Certificate of Analysis for HRP-20232

Monoclonal Anti-Human Immunodeficiency Virus Type 1 (HIV-1) Reverse Transcriptase (mAb 51)

Catalog No. HRP-20232

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

Product Description:

Antibody Class: IgG1κ

HRP-20232 is a monoclonal antibody against the reverse transcriptase (RT) of the Human Immunodeficiency Virus Type 1 (HIV-1). HRP-20232 was produced by the *in vitro* culture of murine hybridoma HRT 51 in RPMI 1640 medium containing 10% fetal bovine serum (FBS), glutamine and penicillin-streptomycin. The culture was propagated for 14 days at 37°C with 5% CO₂ without any passaging and supernatant was collected (pH 7.01).

Lot: 70061985

Manufacturing Date: 14JUL2023

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG1κ	IgG1κ
Functional Activity Western blot analysis	Reactive	Reactive ¹
Sterility	0.22 μm filter-sterilized	0.22 μm filter-sterilized

¹Using HIV-1 BH10 RT Recombinant Protein (BEI Resources ARP-12583) as antigen.

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05 AUG 2026

Lead Technical Writer or designee, ATCC Federal Solutions

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