

Certificate of Analysis for MRA-184A

Monoclonal Anti-*Plasmodium vivax*, Strain VK210, Circumsporozoite Protein (CSP) Repeat, Clone 2F2 (produced *in vitro*)

Catalog No. MRA-184A

Product Description:

Antibody Class: IgG2bk

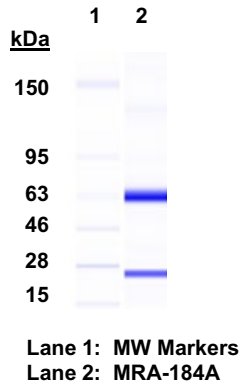
Monoclonal antibody prepared against the circumsporozoite protein (CSP) repeat DRAD/AGQPAG of *Plasmodium vivax* (*P. vivax*) was purified using protein G affinity chromatography from supernatants obtained from mouse 2F2 hybridoma. MRA-184A was produced from BEI Resources MRA-184 lot 70018744 adapted to serum-free media.

Lot: 70060691

Manufacture Date: 02AUG2023

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG2bk	IgG2bk
Agilent Protein 230 Analysis	Correct molecular weight (MW) for heavy and light chains; Report purity	Correct molecular weight (MW) for heavy and light chains (Figure 1); 98.2% pure
Concentration by Spectrophotometer at OD ₂₈₀	~ 1 mg/mL	1.28 mg/mL
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

Figure 1: Agilent Protein 230 Analysis



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Technical Manager or designee, ATCC Federal Solutions

02 JAN 2024

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