

MICROVUE™

Complement

Technical
Data Sheet

MicroVueBb Plus EIA

For *In Vitro* Diagnostic Use.

MicroVue Bb Plus EIA measures the amount of complement fragment Bb in human plasma or serum. Bb is an activation fragment of Factor B which is part of the alternative complement pathway. By quantifying the amount of Bb, the extent of alternative pathway activation at the time of sample collection can be measured.

Elevated levels of Bb aid in the diagnosis of several kidney diseases such as chronic glomerulonephritis, lupus nephritis, as well as several skin diseases such as pemphigus herpetiformis and pemphigus vulgaris. Alternative pathway activation has also been implicated in rheumatoid arthritis, sickle cell anemia and gram-negative bacteremia.

Format

- 96-well microplate
- 40 tests/kit (in duplicate)
- Sample type: serum, EDTA plasma
- Standards and controls included

Species Cross Reactivity

- Cynomolgus monkey, rhesus macaques

Assay Steps

- Prepare Reagents, Standards, Controls and Samples
- Add 300 µL of wash solution into assay wells
- Incubate 1 minute
- Add 100 µL of all Standards, Controls and Samples
- Incubate 30 ±1 minute
- Add 50 µL Conjugate
- Incubate 30 ±1 minute
- Add 100 µL Substrate Solution
- Incubate 15 ±1 minute
- Add 100 µL Stop Solution
- Read the OD at 450 nm

Assay Performance

Method: Direct Capture

- Anti-Bb monoclonal antibody

Samples: Diluted 1:20

Sample Volume: 100 µL

Limit of Detection: 0.018 µg/mL

Lower Limit of Quantification: 0.033 µg/mL

Upper Limit of Quantification: 0.836 µg/mL

Assay range: (±3SD) 0-7.62 µg/mL

5 point standard curve

30,30,15 minute incubation

TO ORDER: Call Quidel Customer service at 1.800.524.6318 (USA only), 1.408.616.4301 or fax 1.408.616.4310.

MicroVue Bb Plus Cat. #A027

Related Products:

MicroVue iC3b EIA Kit	Cat. #A006
MicroVue C4d EIA Kit	Cat. #A008
MicroVue C3a EIA Kit	Cat. #A015
MicroVue SC5b-9 EIA Kit	Cat. #A020
Monoclonal Antibody to Human Factor B (Bb)	Cat. #A227

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