

MICROVUE™

Complement

MicroVue™ Bb Plus EIA

Solutions for monitoring alternative complement pathway activation

For In Vitro Diagnostic Use.

The MicroVue Bb Plus EIA measures the amount of the Bb fragment of Factor B in plasma or serum specimens as an indicator of alternative complement pathway activation. Activation of the alternative pathway has been associated with a variety of disease states including SLE, chronic glomerulonephritis, rheumatoid arthritis, sickle cell anemia and gram negative bacterial infections.

The activation of the alternative complement pathway can be triggered by a variety of substances including microbial polysaccharides or lipids, gram-negative bacterial lipopolysaccharides, surface

determinants present on some viruses, parasites, virally infected mammalian cells, and cancer cells. In autoimmune diseases, the alternative complement pathway may contribute directly to tissue damage. Alternative complement pathway activation may also be an indicator of hemo-incompatibility of biomaterials.

The Bb Plus assay uses a proprietary monoclonal antibody to capture the Bb Fragment of Factor B. The trapped Bb is detected with HRP labeled antibodies that bind to the Bb antigens. The MicroVue Bb Plus assay provides rapid results in less than 90 minutes.

Performance

Sensitivity

- ▶ LLOQ: 0.033 µg/mL
- ▶ LOD: 0.018 µg/mL

Precision

- ▶ Inter-assay CV < 4.1%
- ▶ Intra-assay CV < 9.2%

Assay Range (±3SD)

- ▶ 0-7.62 µg/mL

Quality

- ▶ Standardized against purified Bb fragment
- ▶ 5 point standard curve
- ▶ Proprietary monoclonal antibody

Time to results

- ▶ Total assay time 75 minutes

Kit Configuration

- ▶ Ready to use reagents
- ▶ Standards and Controls included

Product information

- ▶ Direct Capture EIA
- ▶ 96 well format
- ▶ 40 tests/kit (in duplicate)
- ▶ For use with Serum and EDTA Plasma
- ▶ Cat. # A027

Additional Information

To learn more about Bb Plus or other Quidel products visit our website at www.quidel.com or contact our Technical Services at 1.800.524.6318, 1.408.616.4301 or via fax at 1.408.616.4310.