



For *In Vitro* Diagnostic Use

The MicroVue CIC-C1q EIA is designed for detection of C1q binding circulating immune complexes in human serum and plasma. Elevated levels of CIC can be important in the evaluation of certain diseases including Systemic Lupus Erythematosus (SLE) and some forms of rheumatoid arthritis.

Format

- ELISA
- 96-well microplate
- Sample type: Serum, EDTA plasma
- Controls: High, Low (sold separately)

Assay Steps

- Prepare wash buffer; reconstitute standards
- Rehydrate microassay wells for 15 minutes
- Dilute specimens
- Add 100 µL of Complement Specimen Diluent to blank wells
- Add 100 µL of each reconstituted standard, control and diluted specimen to assigned, duplicate wells
- Incubate 60 ± 1 minute 15°C to 30°C
- Wash the assay wells five times
- Add 50 µL of CIC-C1q Conjugate to each well
- Incubate 30 ± 1 minute at 15°C to 30°C
- Prepare substrate solution
- Wash the assay wells five times
- Add 100 µL of Substrate Solution to each well
- Incubate 30 ± 1 minute at 15°C to 30°C
- Add 50 µL of Stop Solution to each assay well
- Measure absorbance at 405 nm

Assay Performance

- Method:** ELISA
- Sample Volume:** Minimum of 10 µL
- Sensitivity:** 1.0 µg Eq/mL
- Specificity:** 94%
- Assay Time:** Approx. 2 Hours