



Factor I EIA

For **Research Use Only**. Not for use in diagnostic procedures.

Background

MicroVue Factor I EIA allows for the analysis of a key complement system regulatory protein. Developed under GMP and ISO certified processes in Quidel's state-of-the-art facility, MicroVue Factor I EIA is a high-quality extension of our comprehensive complement system product portfolio.

Factor I (FI) is a negative regulatory protein of the complement system, and inhibits all pathways by cleaving activation components C4b and C3b. FI is a soluble protein, and circulates freely in the blood, though in an inactive state. Once FI is in the presence of a variety of co-factors it activates and inhibits complement activation. These co-factors include Factor H (only for C3b cleavage), MCP (CD46), CD35, and C4BP.

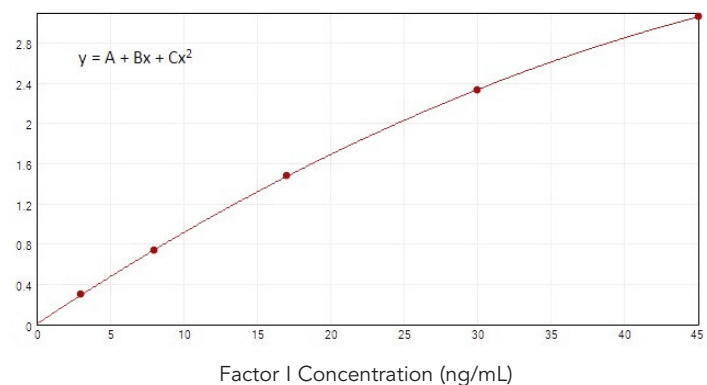
Format

- 96-well microplate with reagents sufficient to test 40 samples in duplicate
- Controls included: High, Low

Assay Performance

Samples: Serum/Plasma Diluted 1:1500
Sample Volume: 100 μ L
Limit of Detection: 0.5 ng/mL
Lower Limit of Quantitation: 1.6 ng/mL
Upper Limit of Quantitation: 82.1 ng/mL
Precision (intra-assay): 2.9%
Precision (inter-assay): 5.4%
Assay Time: 2.5 hours
Species Cross-reactivity: No reactivity to rat, mouse, rabbit, canine, porcine, *Cynomolgus macaque*, or *Rhesus macaque*

Representative five-point standard curve for
MicroVue Factor I EIA



Also available:

MicroVue Factor H EIA – Cat. #A039 (RUO)/Cat. #A040 (CE)

MicroVue iC3b EIA – Cat. #A006

Factor I Depleted Sera – Cat. #A524

Factor I Protein – Cat. #A411

MoAbs: Anti-human Factor I #1 – Cat. #A247

Anti-human Factor I #2 – Cat. #A229

PABs: Anti-human Factor I – Cat. #A313

