

MICROVUE™

Complement

MicroVue™ CH50 Eq EIA

Solutions for the measurement of classical complement pathway activity

For In Vitro Diagnostic Use.

The MicroVue CH50 Eq EIA is designed to measure total hemolytic complement (CH50) in human serum samples. The measurement of CH50 allows for determination of deficiencies of one or more complement components (C1 through C9).

The binding of C1q component of C1 to immune complexes triggers the classical complement pathway. This activation results in a cascade of enzymatic and non-enzymatic reactions, culminating in

the formation of terminal complement complexes (TCC). Under standard conditions the level of TCC that can be generated in serum is a quantitative expression of serum's classical complement activity.

The MicroVue CH50 Eq EIA provides a direct measure of the classical complement activity in serum by quantifying the amount of TCC generated under standard conditions.

Performance

- Sensitivity
 - ▶ 93.2%
- Specificity
 - ▶ 99.4%
- Clinical Accuracy
 - ▶ > 97%
- Linear Data Reduction

Ease of use

- ▶ Easy to follow protocol
- ▶ Minimal assay preparation
- ▶ Results read directly off standard curve
- ▶ Report results in CH50 U Eq/ml

Time to results

- ▶ Total assay time 2.5 hours

Features

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

Product information

- ▶ Direct Capture EIA
- ▶ 96 well format
- ▶ 40 tests/kit (in duplicate)
- ▶ For use with human serum
- ▶ Cat. # A018



Additional Information

To learn more about CH50 Eq 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.