

Immunology | CH50 KITS

Total Complement Activity

Liposome Immunoassay

Screening for total complement activity in human serum

- Designed for clinical chemistry analyzers
- Homogeneous precipitation-free reagent
- Extended calibration stability
- Good correlation with Mayer's hemolytic method
- Precise and accurate

One of the formerly used tests for measuring total complement activity, the Mayer method, is complicated, time-consuming and it lacks stability and automation. FUJIFILM Wako provides an automated liposome-based assay that provides a stable dispersion of a homogeneous liposome population. This automated assay system offers speed and simplicity, making it a useful choice for your laboratory.



Assay time	10 minutes
Sample	Serum; 10 µL
Wavelength spectrum	Main 340 nm, Sub 700 nm
Linearity range	10 – 60 U/mL
Correlation	R = 0.923 to Mayer's Method
Interference	Ascorbic acid concentrations up to 50 mg/dL, hemoglobin concentrations up to 500 mg/dL and bilirubin concentrations up to 40 mg/dL do not have a significant effect on the Autokit CH50 assay.
Analyzers	Applicable for all clinical chemistry analyzers

Ordering			
Autokit CH50	R1: 2 x 20 mL R2: 1 x for 20 mL R2a: 1 x 20 mL	160 tests	995-40801
Autokit CH50 Small	R1: 1 x 20 mL R2: 1 x for 11 mL R2a: 1 x 11 mL	80 tests	995-40802
CH50 Calibrator	5 conc. x for 0.5 mL	–	997-43801
Complement Control	H: 10 x for 0.5 mL L: 10 x for 0.5 mL	–	991-43701