

ichroma™ Total IgE

Blood test for the diagnosis of allergy

- Quantitative results in 12 minutes
- 20 months shelf life/open stability
- Available whole blood sample
- Individual package



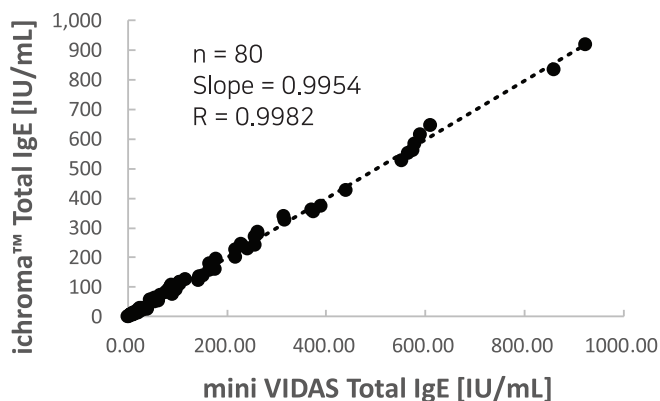


ichroma™ Total IgE is a fluorescence immunoassay for the quantitative determination of total IgE in human whole blood/serum/plasma. It is useful as an aid in diagnosis and management of allergic disease.

• Specification

Specification	Value
Assay principle	Fluorescence based lateral flow immunoassay
Result	Quantitative result
Detection range	1.00 ~ 1,000 IU/mL
LOD/LOQ	LOD 0.75 IU/mL LOQ 1.75 IU/mL
Sample type	Serum, plasma or whole blood
Sample volume	50 µL (serum, plasma) 100 µL (whole blood)
Assay time	12 minutes
Storage	Cartridge, 4-30 °C for 20 months Detection buffer, 2-8 °C for 20 months
Available analyzer	ichroma™ II

• Comparability



• Reference value

- The concentration of IgE in the serum is highly age dependent.
- Total IgE concentrations were measured in human serum samples from non-atopic healthy adults and children using the ichroma™ Total IgE. The observed ranges of total IgE concentrations are shown below for each age group represented.

Age group	Geometric mean	ichroma™ Total IgE
		Mean + SD
< 1 year	3.2 IU/mL	13.6 IU/mL
1 – 5 year	12.1 IU/mL	43.3 IU/mL
6 – 9 year	20.6 IU/mL	80.1 IU/mL
10 – 15 year	51.1 IU/mL	209.2 IU/mL
≥ 16 year	13.2 IU/mL	88.4 IU/mL

• Ordering information

Product	Cat. No.
ichroma™ Total IgE	CFPC-91
Boditech Total IgE Control	CFPO-219
ichroma™ II analyzer	FPRR021