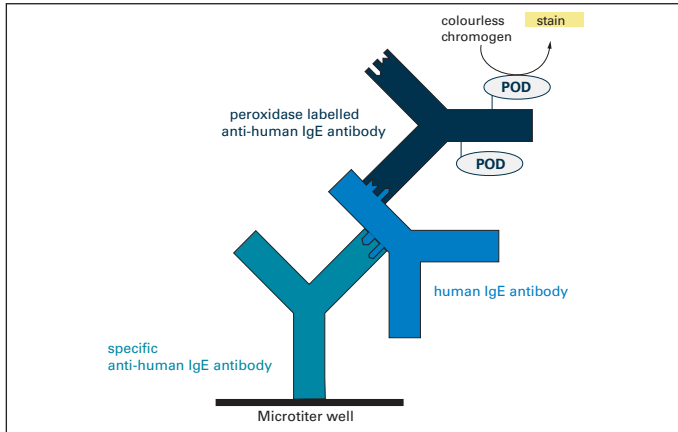




EUROIMMUN Total IgE ELISA – simple, fast and reliable: Exact results with only 4 calibrators in 90 minutes



Principle of the test



Total IgE ELISA
(Order no. EV 3840-9601 E)

Technical data

Parameter range	Determination of total IgE concentration. The total IgE ELISA is applied as a screening test for allergy diagnostics indicating if an allergic reaction may occur.
Indication	Differentiation between allergic and intrinsic asthma, between rhinitis allergica and vasomotorica and between atopic and seborrhoic dermatitis.
Principle of the test	Microtiter plate is coated with polyclonal anti-human IgE antibodies; these are incubated with diluted patient serum, POD labelled anti-human serum and chromogen solution, staining is photometrically measured.
Calibration	Reference 2 IRP 75/502 from the WHO: 4 point calibration (500, 100, 10 and 0 IU/ml), quantitative, 2 controls (high and low total IgE concentration) are included in the test kit.
Reagents	Ready to use (wash buffer: concentrated 10x), colour-coded reagents enabling clear identification.
Sample material	Serum or plasma; dilution 1:10 with sample buffer.
Test procedure	30 min / 30 min / 15 min at room temperature.
Measurement range	450 nm (reference wavelength 620-650 nm).
Automation	Compatible to all commercial washer and reader systems. Fully automated processing.

Reference range for total IgE

Age	Upper value of reference range
New born	1.2 IU/ml
1-6 months	7.2 IU/ml
7-12 months	12.7 IU/ml
1-5 years	60.0 IU/ml
6-9 years	155.0 IU/ml
10-15 years	199.0 IU/ml
> 16 years	100.0 IU/ml

Correlation EUROIMMUN ELISA to NEQAS quality assessment

