



Mast House, Derby Road, Bootle, Merseyside L20 1EA, United Kingdom.
Tel: +44 (0)151 933 7277 Fax: +44 (0)151 944 1332
www.mastgrp.com

DIESSE
DIESSE

ENZYWELL CYTOMEGALOVIRUS IgG EIA KIT

Principle of the test

The DIESSE ENZYWELL CYTOMEGALOVIRUS IgG kit utilises a stepwise EIA method for the determination of IgG class antibodies to Cytomegalovirus IgG antibodies in human serum.

The antigen, Cytomegalovirus, is bound to the microtitre wells.

Features and benefits of the kit

The DIESSE ENZYWELL CYTOMEGALOVIRUS IgG kit has been designed to be “user-friendly” and to minimise waste.

- 1. Short incubation time**
Results available within two hours.
- 2. 12 x 8 break-well presentation**
This gives good flexibility to meet varying specimen throughput.
- 3. Sensitivity 100%, Specificity 100%**
Helps to ensure reliable results
- 4. Ready for use reagents**
Calibrators, control, conjugate, substrate and stop solution are all liquid and ready for use. This helps to reduce preparation time and minimise wastage of reagents.
- 5. Semi-quantitative**
May be used as an indication of Immunity

ORDERING INFORMATION

PRODUCT CODE 91010

PACK SIZE 12 x 8 tests



Mast House, Derby Road, Bootle, Merseyside L20 1EA, United Kingdom.
Tel: +44 (0)151 933 7277 Fax: +44 (0)151 944 1332
www.mastgrp.com

TEST PROCEDURE FOR CYTOMEGALOVIRUS IgG

- STEP1** Place 100 μ L of diluted sample/blank/calibrators
in the wells of the strips
↓
(Incubate for 45 mins at 37°C)

Wash 4 times
↓
- STEP2** Add 100 μ L of Conjugate to each well
↓
(Incubate for 45 mins at 37° C)

Wash 4 times
↓
- STEP3** Add 100 μ L of Substrate to each well
↓
(Incubate for 15 minutes at room temperature)
↓
- STEP4** Add 100 μ L of Stop Solution
↓

Read absorbance at 450nm within 15 minutes
↓
- STEP5** Interpretation of results

(Ratio O.D. sample and O.D. cutoff > 1.1 = positive result)

For more details see pack insert

REFERENCES

1. G.B. Wisdom: Enzyme-Immunoassay. Clin. Chem. 22: 1243 (1976).
2. H.O. Kangro: Cytomegalovirus serology: does it give the answer? Serodiagnosis and Immunotherapy 1: 91 (1987).
3. Grint P.C.A. et al.: Screening tests for antibodies to cytomegalovirus: an evaluation of five commercial products. J. Clin. Pathol. 38: 1059 (1985).
4. Van Loon A.M. et al.: Direct enzyme-linked immunosorbent assay that uses peroxidase-labelled antigen for determination of immunoglobulin M antibody to cytomegalovirus. J. Clin. Microbiol. 13: 416
5. M. Musiani et al.: Rapid detection of antibodies against cytomegalovirus induced immediate early and early antigens by an enzyme linked immunosorbent assay. J. Clin. Pathol. 37: 122 (1984).
6. F. de Ory et al.: Serological diagnosis of cytomegalovirus infections: comparison of six commercial methods of ELISA. Serodiagnosis and Immunotherapy 2: 423 (1988).
7. P. Dal Monte et al.: Citomegalovirus umano. Diagnosis 2: 67 (1990).