



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

ENZYWELL MUMPS IgG EIA KIT

Principal of the test

The DIESSE ENZYWELL MUMPS IgG KIT is a stepwise EIA method for the determination of IgG class antibodies to MUMPS Virus in human serum.

The antigen, composed of Mumps virus, is bound to the microtitre wells.

Features and benefits of the kit

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

- 1. Short incubation time**
Results available within two hours
- 2. 6 x 8 breakwell test presentation**
Good flexibility to meet varying specimen throughput
- 3. 99.1% Sensitivity, 94.1% Specificity**
Helps to ensure valid results
- 4. Ready for use reagents**
Positive, negative and cut-off controls, conjugate, substrate and stop solution are all liquid and ready for use. Reduces preparation time and minimises wastage

ORDERING INFORMATION

PRODUCT CODE 91075

PACK SIZE 6 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 MUMPS IgG EIA KIT

- STEP 1** **Place 100 μ L of diluted sample/controls 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 TMB 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**

 O.D. sample > O.D. cutoff = positive result

 For more details see pack insert

REFERENCE

1. G. Berbers et al. Blocking ELISA for detection of mumps virus antibodies in human sera. J. Virol. Methods 42, 155 (1993).