



IgMBRAZOR™

Lyophilized

STORE AT

-20°C



FOR RESEARCH USE ONLY

Instructions for Use

IgMBRAZOR Lyophilized 1000 units (M0-IM1-010)

Process 1 mg human IgM



Preparations

Additional Materials Required

- Digestion buffer: PBS (10mM sodium phosphate, 140mM NaCl, 2.7mM KCl), pH 7.4.¹

1. Optimization may be required if buffers other than the recommended are used. The enzyme is active at pH 5.5-9.0 and tolerates up to 300mM NaCl.

Digestion of IgM

Sample Preparation

Prepare the IgM in the digestion buffer.

The final IgM concentration in the digestion reaction should be 0.5-10 mg/ml.

1. Prepare IgMBRAZOR

1.1 Reconstitute IgMBRAZOR in 25 μ l ddH₂O to 40 units/ μ l.

2. Add IgMBRAZOR

2.1 Add 1 unit IgMBRAZOR/1 μ g IgM.

3. Enzymatic Reaction

3.1 Incubate for 30 min at 37°C².

2. The optimal activity is obtained at 37°C. The digestion can be performed at room temperature using an increased incubation time. Optimization is then required.

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