



IgASAP™

Sub1 Lyophilized

STORE AT

-20°C



FOR RESEARCH USE ONLY

Instructions for Use

IgASAP™ Sub1 Lyophilized 1000 units (I0-IA1-010)
Process 1 mg human IgA1



Preparations

Additional Materials Required

- Digestion buffer: PBS (10 mM sodium phosphate, 140 mM NaCl, 2.7 mM KCl), pH 7.4 or TBS (50 mM Tris-HCl, 150 mM NaCl), pH 7.6.¹

Sample Preparation

Prepare the IgA1 in the digestion buffer.

The final IgA1 concentration in the digestion reaction should be 0.2-5 mg/ml.

1. Optimization may be required if a buffer other than the recommended is used.

Above Hinge Digestion of Human IgA1

1. Prepare IgASAP Sub1

- 1.1 Reconstitute IgASAP Sub1 in 50 μ l ddH₂O to 20 units/ μ l.

2. Add IgASAP Sub1

- 2.1 Add 1 unit IgASAP Sub1 / 1 μ g IgA1.

3. Digestion

- 3.1 Incubate for 1 hour at 37°C.^{2,3}

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.
3. Some samples may require longer incubation time. There is no risk of overdigestion due to the specificity of the enzyme.

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