



IgASAP™

Sub1+2 Lyophilized

STORE AT

-20°C



FOR RESEARCH USE ONLY

Instructions for Use

IgASAP™ Sub1+2 Lyophilized 1000 units (I0-IA3-010)
Process 1 mg human IgA1 and IgA2m1



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 and/or IgA2m1 substrate in the digestion buffer. The final IgA concentration in the digestion reaction should be 0.2-5.0 mg/ml.

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

Above Hinge Digestion of Human IgA1 and IgA2m1

1. Prepare IgASAP Sub1+2

- 1.1 Reconstitute IgASAP Sub1+2 in 50 μ l ddH₂O to 20 units/ μ l.

2. Add IgASAP Sub1+2

- 2.1 Add 1 unit IgASAP Sub1+2 / 1 μ g IgA.

3. Digestion

- 3.1 Incubate overnight (16-18h) at 37°C.²

2. Some samples may require longer incubation time. Due to the specificity of the enzyme, there is no risk of overdigestion if the incubation time is prolonged.

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