



OglyZOR™

Lyophilized

STORE AT

-20°C



FOR RESEARCH USE ONLY

Instructions for Use

OglyZOR™ Lyophilized 2000 units (G2-OG1-020)
Process 2 mg O-glycoprotein



Preparations

Additional Materials Required

- Reaction buffer: 20mM Tris, pH 6.8.¹

1. Optimal activity is achieved at pH 6.5-7.5.

Hydrolysis of Core 1 O-glycans

Sample Preparation

Prepare the glycoprotein in the reaction buffer. The final glycoprotein concentration in the reaction should be 0.1-2 mg/ml.

1. Prepare OglyZOR and SialEXO

1.1 Reconstitute OglyZOR and SialEXO in 50 μ l ddH₂O each, to a concentration of 40 units/ μ l.

2. Add SialEXO

2.1 Add 1 unit SialEXO / 1 μ g glycoprotein.²

3. Add OglyZOR

3.1 Add 1 unit OglyZOR / 1 μ g glycoprotein.²

4. Enzymatic Reaction

4.1 Incubate for 2-4 h at 37°C.

2. A higher enzyme concentration may increase digestion efficiency of individual glycoproteins. This requires optimization.

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