

# Fetuin



1-800-632-7799  
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www.neb.com



P6042S 005121013101

## P6042S

**500 µg**      **Lot: 0051210**      **Exp: 10/14**  
**10 mg/ml**      **Store at 4°C**

**Description:** Fetuin is a glycoprotein containing sialylated *N*-linked and *O*-linked glycans that can be used as a positive control for endoglycosidase enzymes

**Source:** Fetal Calf Serum

Supplied in: Milli-Q® Water

**Molecular Weight:** 64 kDa

### Fetuin Deglycosylation Protocol:

1. Combine 2 µl of Fetuin, 1 µl of 10X Glycoprotein Denaturing Buffer, and 5 µl of H<sub>2</sub>O.
2. Incubate at 95°C for 10 minutes.
3. Add 1 µl of 10X G7 Reaction Buffer and 1 µl of 10% NP-40.
4. Add 1 µl of endoglycosidase.
5. Incubate at 37°C for 1 hour.
6. Visualize reaction products on 10–20% SDS-PAGE gel.

### Note:

- 500 µg is enough for approximately 20 reactions.
- Due to heterogeneous glycosylation; Fetuin runs as a doublet on an SDS-PAGE gel.

### Companion Products:

Protein Deglycosylation Mix  
#P6039S      20 reactions

PNGase F  
#P0704S      15,000 units  
#P0704L      75,000 units

PNGase F Glycerol Free  
#P0705S      15,000 units  
#P0705L      75,000 units

Remove-iT PNGase F  
#P0706S      6,750 units  
#P0706L      33,750 units

*O*-Glycosidase  
#P0733S      2,000,000 units  
#P0733L      10,000,000 units

*O*-Glycosidase & Neuraminidase Bundle  
#E0540S      1 bundle

RNase B  
#P7817S      250 µg



NEW ENGLAND BIOLABS® is a registered trademark of New England Biolabs, Inc.

MILLI-Q® is a registered trademark of Millipore Corporation.

CERTIFICATE OF ANALYSIS

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