

REVOLUTIONARY

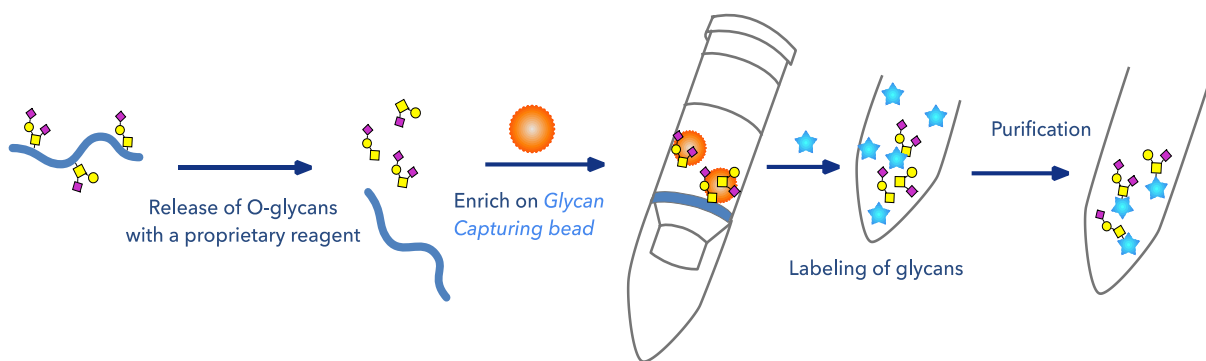
**STREAMLINED, RAPID and RELIABLE**

O-GLYCAN SAMPLE PREPARATION

**EZGlyco® O-Glycan Prep Kit**



## HPLC and LC-MS ready Sample Preparation of O-glycans in **5 hours**



**EZGlyco® O-Glycan Prep Kit** provides a streamlined, rapid and reliable O-glycan sample preparation. The complete kit includes all reagents to release, enrich, label and purify O-glycans for HPLC and LC-MS analysis. The kit adopts a unique O-glycan releasing method using a high reactive amine and an organic superbase, which yields high recovery and less degradation (peeling) of released O-glycans. Applications include characterization of O-glycosylation of recombinant glycoproteins in upstream R&D, quality control and process control. It is also suited for O-glycan biomarker discovery in biological samples such as mucins, serum and exosome, and O-glycan analysis of functional foods such as dairy products.

### FEATURES

#### O-Glycan Sample Prep in 5 Hours

O-Glycan sample preparation is completed in 5 hours with its unique O-glycan releasing reagents. Thus, HPLC/LC-MS analysis is achieved on the same day.

#### High Recovery

A combination of the unique O-glycan releasing reagent and the new O-Glycan Capturing Beads enables high recovery of released O-glycans from various glycoproteins.

#### Minimized “Peeling”

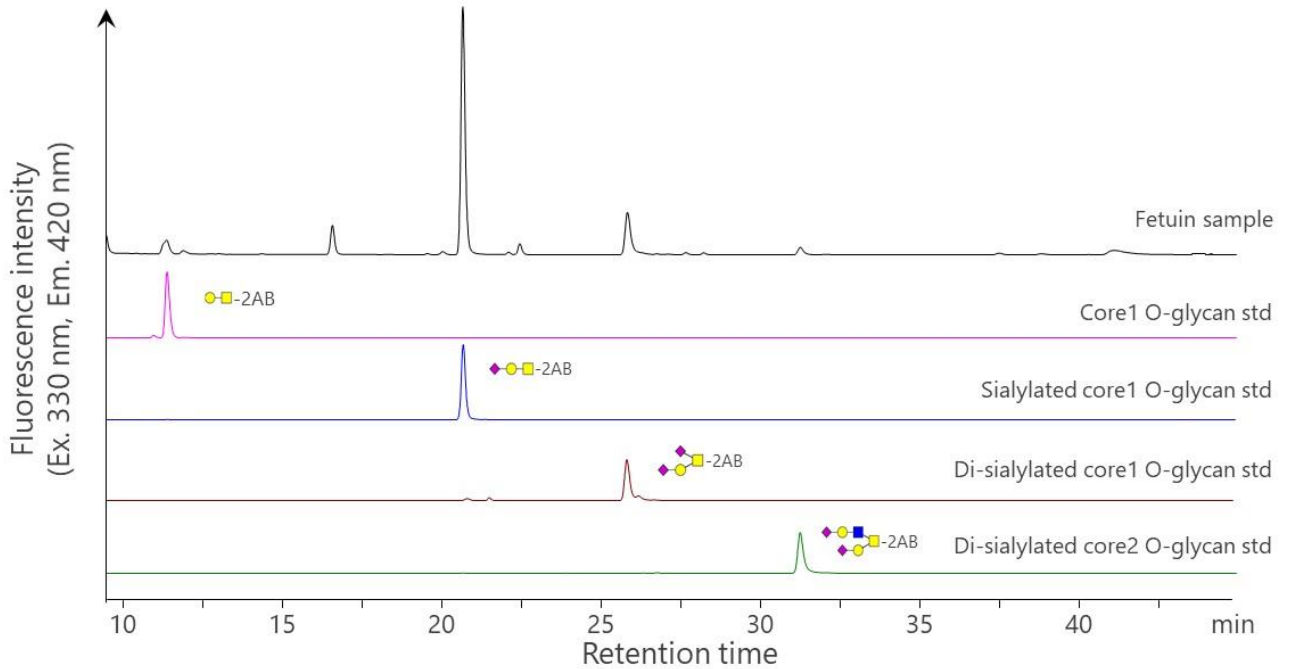
Glycan releasing reagents minimize decomposition of O-glycans (peeling), resulting in O-glycan characterization with higher accuracy.

#### Easy and Safe Operation

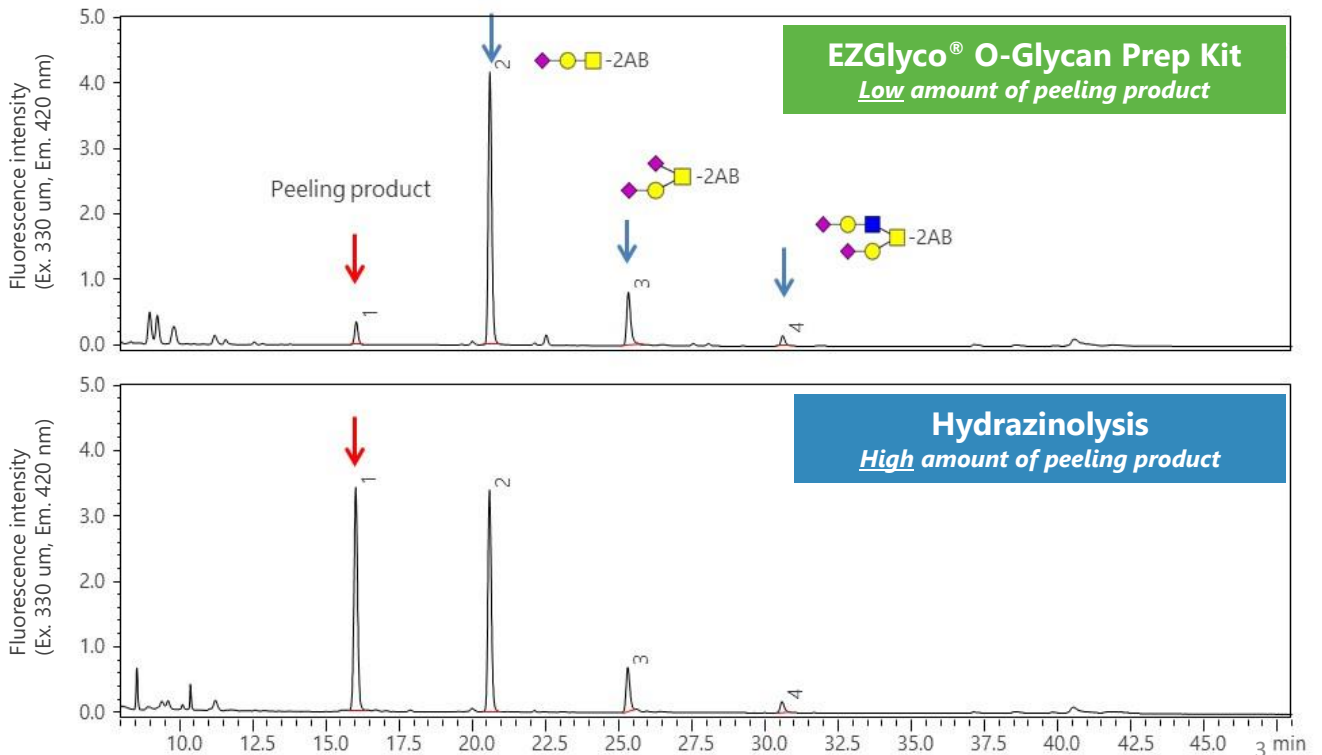
With a simple protocol to follow, O-glycan sample preparation is completed without any special laboratory equipment and toxic reagents.

## APPLICATIONS

## O-Glycan analysis of bovine fetuin by EZGlyco® O-Glycan Prep Kit



## Comparison of 2-AB labeled bovine fetuin O-glycan analysis prepared with 2 methods: EZGlyco® O-Glycan Prep Kit vs Hydrazinolysis





## EZGlyco® O-Glycan Prep Kit Components

Protocol  
 Glycan Release Reagent A  
 Glycan Release Reagent B  
 Glycan Capturing Beads  
 Filter Column  
 2-Aminobezamide  
 Reducing Reagent  
 Cleanup Column

Catalog No.	Product Name	Content
BS-41601Z	EZGlyco® O-Glycan Prep Kit	For 10 tests

Request a sample kit at :  
[Info.s-bio@s-bio.com](mailto:Info.s-bio@s-bio.com) | 603.425.9697

**S-BIO** specializes in providing high-performance labware: Quality 3D Cell Culture products for Cancer Spheroid Culturing and Regenerative Medicine, Low Bind products essential for Proteins, Peptides and Cell recovery and High throughput Kits and Services for N-glycan and O-glycan analysis.

### 3D CELL CULTURE RELIABILITY

S-BIO provides superior quality 3D cell culture plates, PrimeSurface®, with a variety of well shapes and sizes to enable spheroid cultures suited for your specific cell type.

### LOW BINDING LABWARE PRODUCTS

S-BIO delivers exceptional quality low binding labware for sample recovery by preventing protein, peptide and compound loss due to non-specific binding to plastic surface.

### WE BRING GLYCOMICS TO LIFE

S-BIO offers a wide range of solutions for glycomics study including biomarker discovery and characterization of antibody drugs & glycoproteins.

S-BIO is a brand for life science products provided by Sumitomo Bakelite Co., Ltd.



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