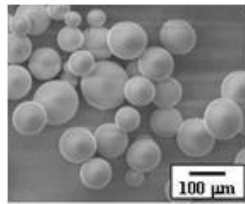


# BlotGlyco® -Glycan Purification and Labeling Kit-

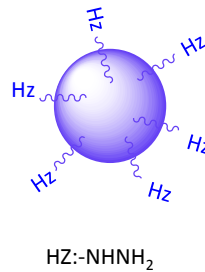


## Kit Components

1. BlotGlyco® beads and labeling reagent
2. Reaction tube
3. Cleanup column for eliminating excess reagent
4. Sample tube
5. Protocol and application notes

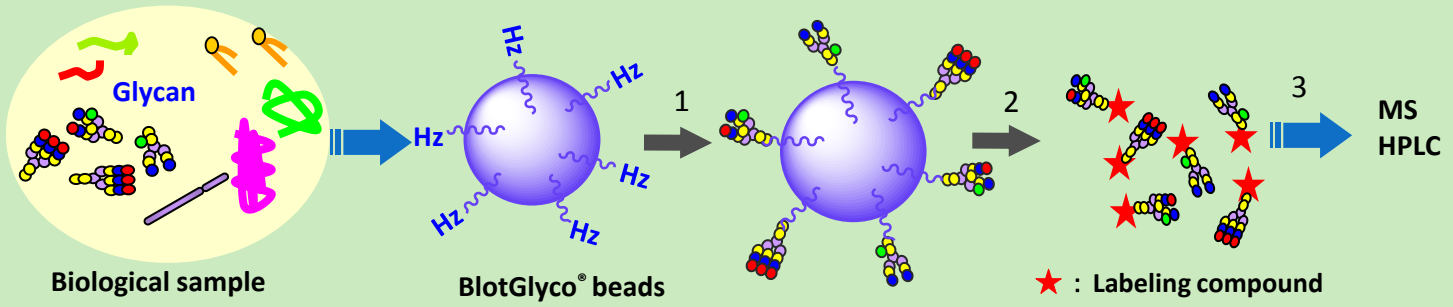


BlotGlyco® beads



Polymer beads are densely coated with immobilized hydrazide groups to facilitate glycan capture

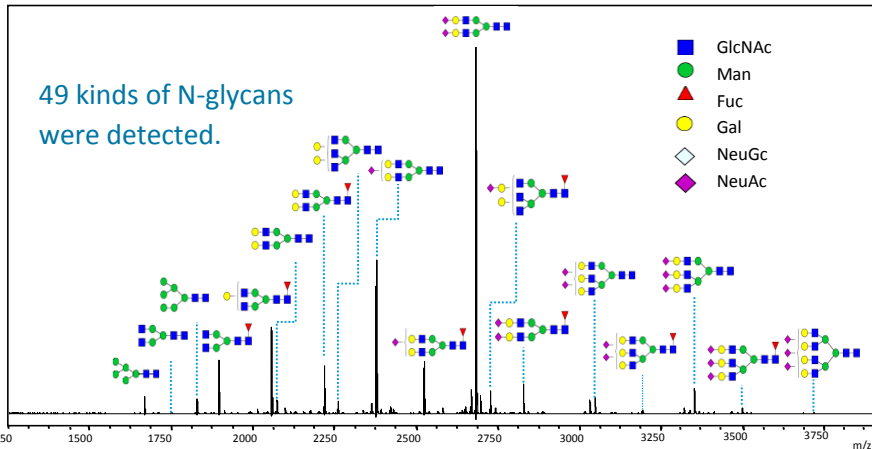
## Principle



1: Capturing of glycans 2: Releasing and labeling 3: Cleanup

## Application

Ex. N-glycans of human serum: using 5 μL serum

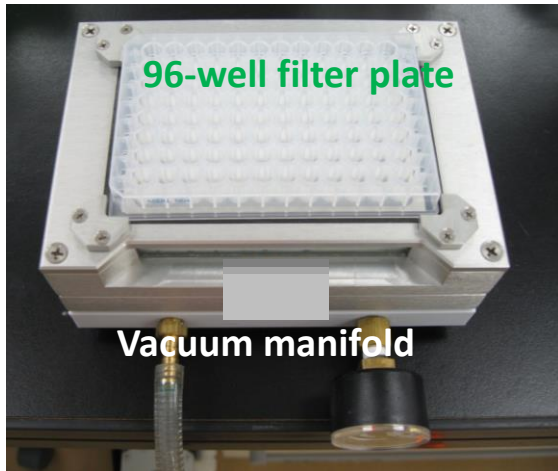


## Other applications

- ✓ Removal of proteins and peptides to provide cleaner MALDI MS scans
- ✓ Screening glycans from fermentation broth to find optimum harvest time
- ✓ Clone Screening in order to select strains which produce high activity glycoforms
- ✓ Screening N- and O-glycans in human sera

BlotGlyco® including hydrazide beads and their applications are covered by various Japan and international patents. The product specifications are subject to change without notice.

# BlotGlyco® -Glycan Purification and Labeling Kit- 96-well filter plate format



Dispense BlotGlyco® beads and sample into each well of the filter plate. Instead of centrifugation, vacuum aspiration is usable. Glycan purification, labeling and removal of excess labeling reagents are completed in 96-well plate format.

- ✓ Useful for screening, process development and quality control of biopharmaceuticals
- ✓ Suitable for biomarker discovery from crude biological samples

Cat. No	Product	Application	BlotGlyco® Beads	Labeling reagent for MALDI-TOF MS	Reaction spin tube	Cleanup Column
BS-45403Z	BlotGlyco® 10	MALDI-TOF MS	For 10 assays	For 10 assays	10	10
BS-45614Z	BlotGlyco® 10B	HPLC	For 10 assays	-	10	10
BS-45404Z	BlotGlyco® 50	MALDI-TOF MS	For 50 assays	For 50 assays	50	50
BS-45615Z	BlotGlyco® 50B	HPLC	For 50 assays	-	50	50
BS-45405Z	BlotGlyco® 100	MALDI-TOF MS	For 100 assays	For 100 assays	100	100
BS-45406Z	BlotGlyco® 100A	MALDI-TOF MS	For 100 assays	For 100 assays	-	-
BS-45407Z	BlotGlyco® 100B	HPLC	For 100 assays	-	100	100
BS-45408Z	BlotGlyco® 100C	HPLC	For 100 assays	-	-	-
BS-45409Z	BlotGlyco® 100D	HPLC	For 100 assays	-	-	100
BS-45410Z	BlotGlyco® 200C	HPLC	For 200 assays	-	-	-
BS-45411Z	BlotGlyco® 100E	HPLC	For 100 assays	-	100	-
BS-45412Z	BlotGlyco® 200E	HPLC	For 200 assays	-	200	-
BS-45413Z	BlotGlyco® 96-plate B	HPLC	For 96 assays	-	96-well filter plate	96-well cleanup plate