



Last revised Jan 2023

Product Name	GalactEXO™ Immobilized Microspin
Product Number	G1-GM6-010, G1-GM6-025, G1-GM6-050
Product Composition	Each spin column contains 0.15 ml settled resin of GalactEXO immobilized on agarose. Agarose resin is suspended in 20% ethanol/water (v/v)
Manufacturer	Genovis AB, Sweden
Appearance	White suspension
Source	GalactEXO enzymes are cloned from <i>Akkermansia muciniphila</i> and expressed in <i>E.coli</i> . The enzymes are immobilized to highly cross-linked agarose beads.
Bioburden	Absence of microbial contamination tested on Sabouraud Dextrose Agar, Fluid Thioglycollate Medium and Blood Agar.
Immobilized Enzyme Activity	One column of Immobilized GalactEXO catalyzes the hydrolysis of galactoses from $\geq 95\%$ of 41 μmol 4-Nitrophenyl- β -D-galactopyranoside when incubated in 20 mM Tris, 10% ethanol pH 6.8 at room temperature for 15 minutes, monitored by reversed phase chromatography.
Shipping Conditions	Cold with gel ice refrigerants.
Storage Temperature	+4-8°C