



MAb4 Antibody Glycan Reference Panel

A mixture of glycans commonly found on monoclonal antibodies. Includes G2F (NA2F), G0F (NGA2F), and both G1F (MGA2F) isomers, G1F.6 and G1F.3.

Catalog Number

SA-MAB4

MW

NGA2F 1463 Daltons

MGA2F 1625 Daltons

NA2F 1787 Daltons

Sources

These glycans are found on many mammalian glycoproteins including IgG, gamma globulins, and many serum glycoproteins. This product is typically purified from the oligosaccharide pool released from bovine serum by hydrazinolysis using a combination of HPLC and glycosidase digestion.

Form

Dry. Dried by centrifugal evaporation from an aqueous solution. Contains ammonium salt to stabilize against desialylation.

Purity

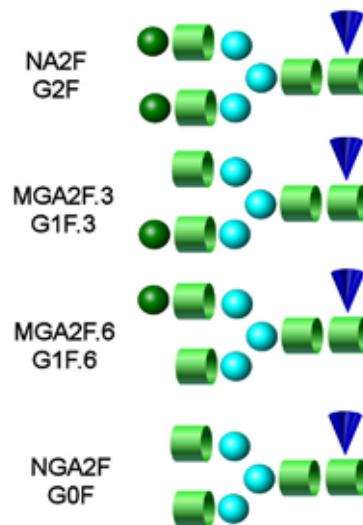
> 90% as determined by capillary electrophoresis

Storage

Keep at -20°C both before and after dissolution. This product is stable for at least 5 years as supplied.

Shipping: The product can be shipped at ambient when dry. After dissolution, ship on dry ice.

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Handling

Allow the unopened vial to reach ambient temperature and tap unopened on a solid surface to ensure that most of the lyophilized material is at the bottom of the vial. Gently remove the cap, add the desired volume of reconstitution medium, re-cap and mix thoroughly to bring all the oligosaccharide into solution. For maximal recovery of oligosaccharide, ensure that the cap lining is also rinsed and centrifuge the reconstituted vial briefly before use. Ensure that any glass, plasticware or solvents used are free of glycosidases and environmental carbohydrates. Minimize exposure to elevated temperatures or extremes of pH. High temperatures and low pH will cause desialylation. High pH will cause epimerisation of the reducing terminus GlcNAc.

Safety

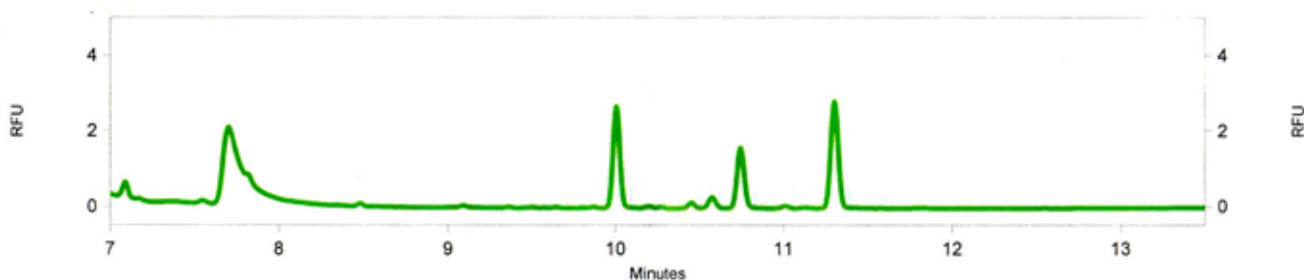
This product is non-hazardous and has been purified from natural sources certified to be free of all hazardous material including pathogenic biological agents.

SA-MAB4 MAb4 Glycan Panel Specifications

866-384-2272
760-568-3657
fax 760-262-31394

Certificate of Analysis**Product** MAb4 Antibody Glycan Reference Panel**Catalog no.** SA-MAB4**Lot no.** 117.1A**Size** 10 µg**Purity:** > 90% pure as assessed by capillary electrophoresis

Capillary Electrophoresis of SA-MAB4, Lot 117.1A

**Warranties and liabilities**

QA-Bio, LLC warrants that the above product conforms to the specifications described herein. Should the product fail for reasons other than through misuse QA-Bio, LLC will, at its option, replace free of charge or refund the purchase price. This warranty is exclusive and QA-Bio, LLC makes no other warrants, expressed or implied, including any implied conditions or warranties of merchantability or fitness for any particular purpose.

QA-Bio, LLC shall not be liable for any incidental, consequential or contingent damages.

This product is intended for *in vitro* research only.

updated 10/18/2011