

Sugar Labeling Kit for Sugar Composition Analysis

'GlyScope ABEE Labeling Kit Plus S'

ABEE: 4-aminobenzoic acid ethyl ester



Easy and Convenient way!

- ✓ **Sample purification is not necessary**
(e.g. serum etc.)
- ✓ **Only one tube is enough for the reaction.**
- ✓ **Analyze**
14 kinds of sugar simultaneously

Sialic acids

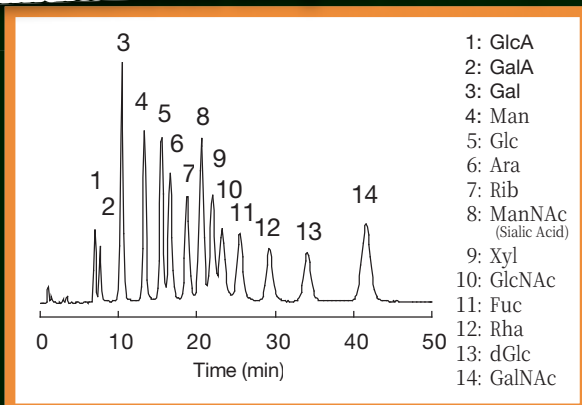
Acetyl amino sugars

Neutral sugars

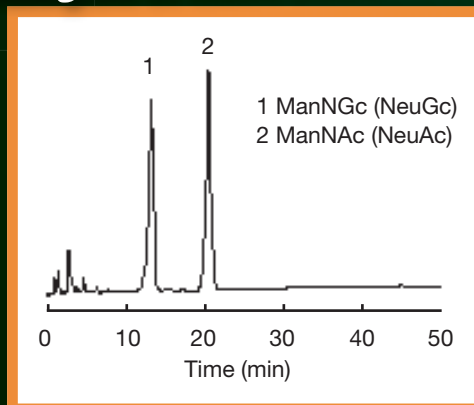
Uronic acids

Deoxy sugars

Simultaneous analysis of 14 sugars



Analysis of sialic acids



Column: Honepak C18 (4.6 mm × 75 mm)
 Eluent: 0.2 M Potassium borate/Acetonitrile (93/7)
 Detection: Fluorescence (Ex. 305 nm, Em. 360 nm)
 Injection: 10 µl (each 10 pmol) Temp.: 30°C Flow: 1 mL/min.



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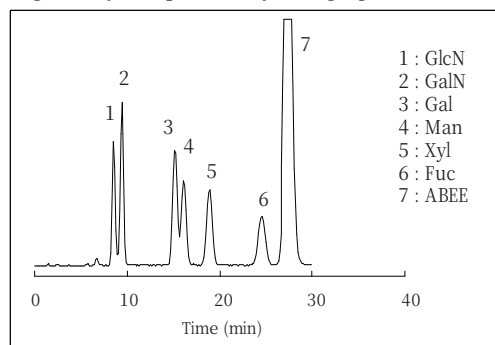
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ABEE; 4-aminobenzoic acid ethyl ester

Analysis of Amino sugars & Neutral sugars

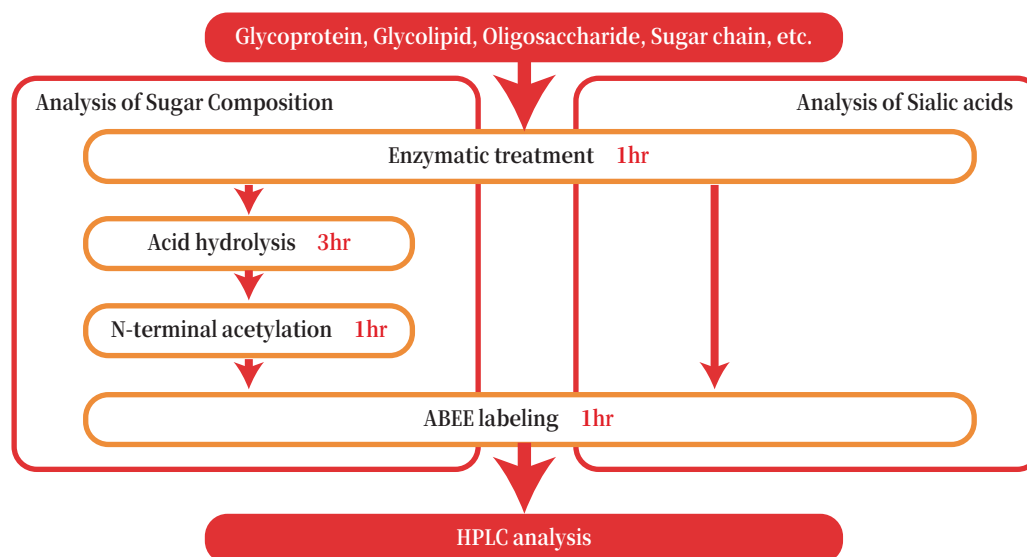
Amino sugar analysis is possible by changing HPLC conditions.



Materials Required but not Provided

- Acetic anhydride (High Purity Grade)
- Chloroform

Flow Chart of Sugar Composition Analysis & Sialic Acids Analysis



Related products

Description	Quantity	Cat. No.
GlyScope ABEE Labeling Kit Plus S w/o Acetic Anhydride	1 KIT (20 tests)	JOM-J711-EX
GlyScope Solvent Set (for ABEE Labeling Kit)	1 SET	JOM-J712
GlyScope HonenpakC18 (for ABEE Labeling Kit)	1 PC	JOM-J715
GlyScope Monosaccharide Mixture-11 (for ABEE Labeling Kit)	0.5 mL	JOM-J714

Manufacturer:  J-OIL MILLS, INC.

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