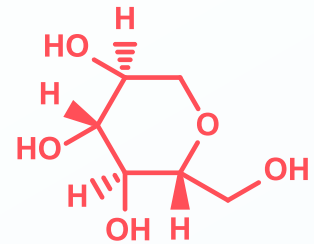




1,5-Anhydroglucitol Assay



1,5-Anhydroglucitol

Plasma 1,5-anhydroglucitol (1,5-AG) is a naturally occurring dietary monosaccharide that is present in nearly all foods and is normally maintained at a steady state in blood and tissues of healthy individuals. However postprandial glycemic excursions (i.e., temporary increases in blood glucose) cause 1,5-AG to be actively purged from the body and low levels of the molecule indicate loss of glycemic control over the past one to two weeks. Abnormal 1,5-AG levels are associated with increased rates of diabetes complications and detects recent glycemic excursions that are generally missed by random blood glucose and HbA1c testing.

Applications

- ▶ Biopharmaceutical studies
- ▶ Diabetes treatment programs
- ▶ Dietary intervention

1,5-Anhydroglucitol	LLOQ*	
	Plasma	Saliva
1,5-Anhydroglucitol	2.00 µg/mL	0.200 µg/mL

*Lower Limit of Quantitation (LLOQ) varies for each sample type

The panel is for non-GxP testing and is not for diagnostic use

Analysis Method and Instrumentation

LC-MS/MS (Agilent 1290 UHPLC/Sciex QTrap 5500)

Sample Type and Required Amounts

Sample Type	Sample Requirement
Plasma/Serum	100 - 150µL
Saliva	150 - 200 µL
Others on request	

Contact us to get started

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