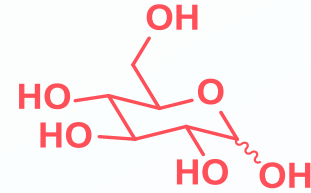




Salivary Glucose Assay



Glucose

Daily monitoring glucose of levels is an essential part of managing diabetes. However, blood glucose testing usually involves finger pricks, an invasive procedure that is troublesome to some patients. Therefore, increasing efforts have been made to develop a non-invasive method by self-testing salivary glucose levels, which are two orders of magnitude lower than those in blood.

Applications

- ▶ Our LC-MS/MS based method provides a gold standard to verify the accuracy of other developing methods in the quantitation of salivary glucose.
- ▶ Our method specifically measures glucose while galactose and mannose are chromatographically separated from glucose.
- ▶ This separation is important as salivary galactose level is typically much higher than glucose level in saliva.

Glucose Assay	LLOQ
	Saliva
Glucose	125 ng/mL

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
Saliva	150 - 200 μ L
Others on request	

Contact us to get started
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