

Resource Summary Report

Generated by T1D on Jul 31, 2026

GlycoCalyx: GlycoCheck

RRID:SCR_018254

Type: Tool

Proper Citation

GlycoCalyx: GlycoCheck (RRID:SCR_018254)

Resource Information

URL: <https://glycocheck.com/health-score-technology/>

Proper Citation: GlycoCalyx: GlycoCheck (RRID:SCR_018254)

Description: Microvascular health measurement system that measures endothelial glycocalyx layer of vessels by MicroVascular Health Solutions. Software automatically identifies measurable micro vessels, below 30 μ m thickness, during acquisition by contrast between RBC and background. After acquisition, software undergoes series of quality checks to measure vascular segments that are of good quality. Video microscope is placed under tongue, showing live movement of red blood cells as they travel through micro vessels.

Resource Type: instrument resource

Defining Citation: [DOI:10.1371/journal.pone.0096477](https://doi.org/10.1371/journal.pone.0096477)

Keywords: Microvascular measurement system, endothelial glycocalyx layer, micro vessel, MicroVascular Health Solutions, video microscope, red blood cell movement, equipment, instrument

Availability: Restricted

Resource Name: GlycoCalyx: GlycoCheck

Resource ID: SCR_018254

Alternate URLs: <https://glycocheck.com/wp-content/uploads/2021/12/New-GlycoCheck-Brochure.pdf>

Record Creation Time: 20220129T080339+0000

Record Last Update: 20260725T190848+0000

Ratings and Alerts

No rating or validation information has been found for GlycoCalyx: GlycoCheck.

No alerts have been found for GlycoCalyx: GlycoCheck.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Garcia Valencia O, et al. (2025) Longitudinal Study of the Vascular Glycocalyx and Urinary Podocyte Markers During Pregnancy. Journal of the American Heart Association, 14(15), e039904.