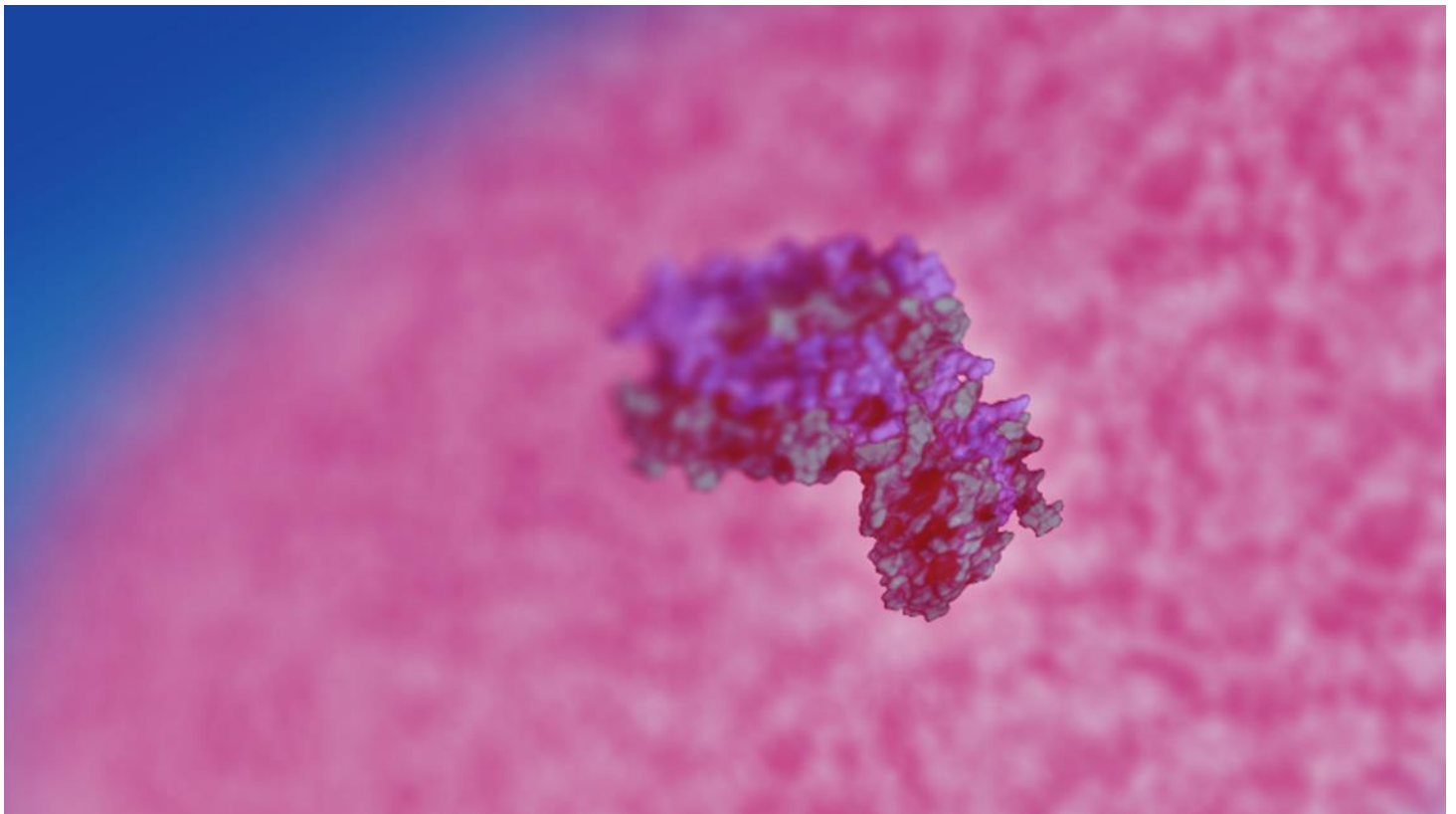


Literature List – HbA_{1c}

Customer Information

August 2023



Date: August 2023

Subject: Literature List – HbA_{1c}

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Note: Whether references are given in British or American English depends on the original.

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General

Park MS *et al.* (2019)

Accurate and Rapid Measurement of Glycated Hemoglobin Using HLC-723 G11 Variant Mode.
Ann Lab Med; 39(3): 237

Free online: <http://www.annlabmed.org/journal/view.html?volume=39&number=3&spage=237>

Summary: In this study, the authors concluded that G11vr shows adequate performance and rapid turnaround time in measuring HbA_{1c}.

Danese E *et al.* (2017)

Can we still trust hemoglobin A1c in all situations?
Clin Chem Lab Med; 55(11): e241

<https://www.degruyter.com/view/j/cclm.2017.55.issue-11/cclm-2017-0114/cclm-2017-0114.xml>

Summary: The measurement of the HbA_{1c} haemoglobin is important for the early diagnosis and treatment monitoring in case of diabetes. Despite the accuracy of the parameter, the authors emphasise that there are a couple of clinical conditions where the HbA_{1c} should be used with caution and the clinician should take under consideration the clinical condition of the patient.

Lenters-Westra A *et al.* (2017)

Evaluating new HbA_{1c} methods for adoption by the IFCC and NGSP reference networks using international quality targets.
Clin Chem Lab Med; 55(9): 1426

<https://www.degruyter.com/view/j/cclm.2017.55.issue-9/cclm-2017-0109/cclm-2017-0109.xml>

Summary: In this study, the Abbott Enzymatic method on the Architect c4000, the Roche Gen.3 HbA_{1c} on the Cobas c513, and the Tosoh G11 method, officially certified IFCC and NGSP SRMPs in the IFCC and NGSP networks, performed well and were suitable for clinical application in the analysis of HbA_{1c}. For all analysers the Sigma metrics quality criteria distinguished between good and excellent performance.

Kaiser P *et al.* (2016)

HbA_{1c}: EQA in Germany, Belgium and the Netherlands using fresh whole blood samples with target values assigned with the IFCC reference system HbA_{1c} EQA in Germany Belgium and the Netherlands.
Clin Chem Lab Med; 54(11): 1769

<https://www.degruyter.com/view/j/cclm.2016.54.issue-11/cclm-2016-0123/cclm-2016-0123.xml>

Summary: The authors were able to establish an external quality assessment scheme because the differences between the laboratories were minor.