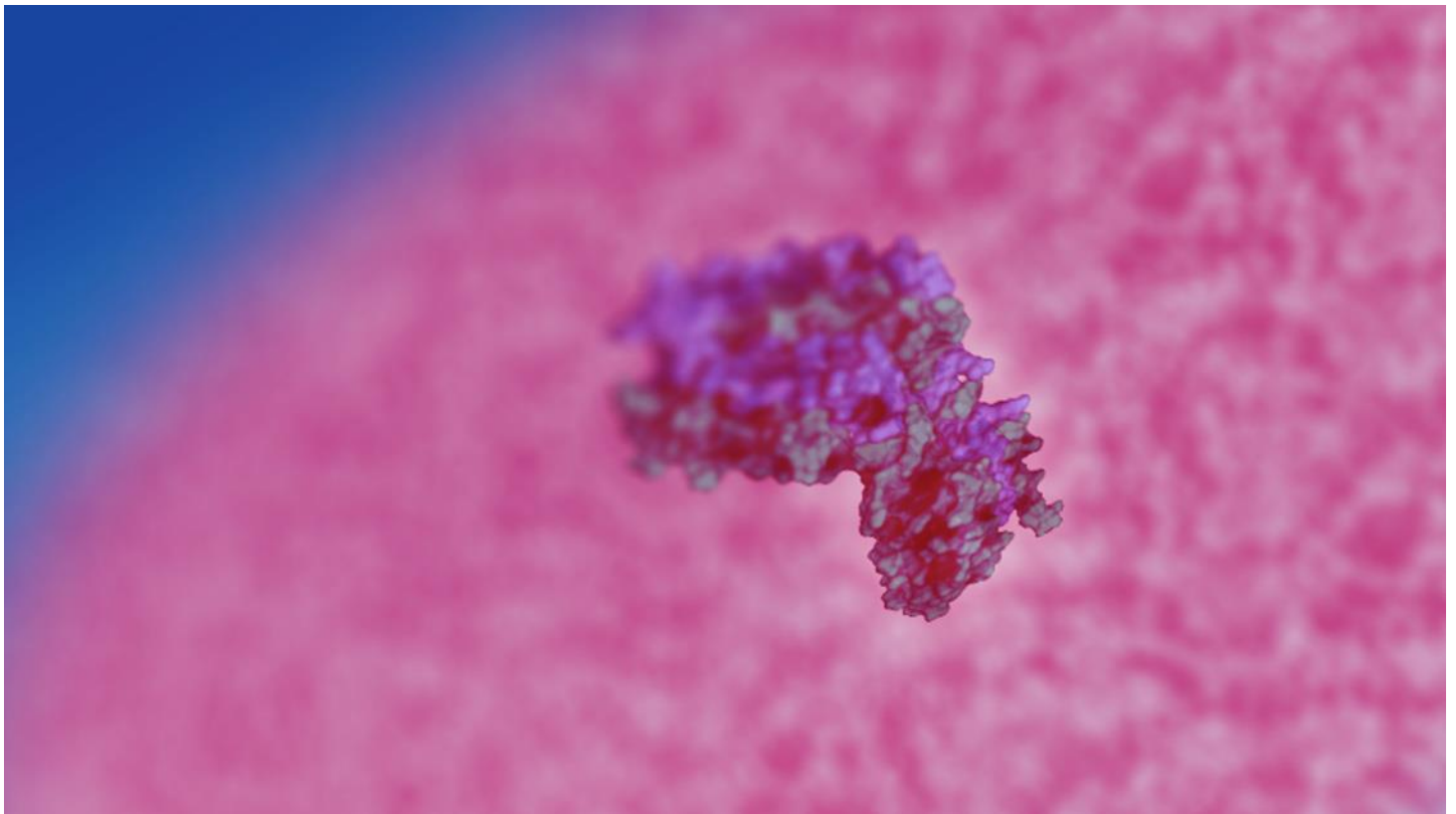


# Literature List – HbA<sub>1c</sub>

## Customer Information

August 2020



**Date:** August 2020  
**Subject:** Literature List – HbA<sub>1c</sub>  
**Issued by:** Scientific Customer Services  
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**Note:** Whether references are given in British or American English depends on the original.

**NEW**

New entries are highlighted by this icon.

## 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>

**What we see as the essence:** G11 Variant mode will improve the diagnosis of diabetes in patient with Hb Variants (G-Coushatta).

### **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>

**What we see as the essence:** The measurement of the HbA<sub>1c</sub> haemoglobin is important for the early diagnosis and treatment monitoring in case of diabetes. Despite the accuracy of the parameter, there are a couple of clinical conditions where the HbA<sub>1c</sub> 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<sub>1c</sub> 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>

**What we see as the essence:** Abbott Enzymatic method on the Architect c4000, Roche Gen.3 HbA<sub>1c</sub> on the Cobas c513 and Tosoh G11 method are official, certified IFCC and NGSP SRMPs in the IFCC and NGSP networks, performed well and are suitable for clinical application in the analysis of HbA<sub>1c</sub>. For all analysers the Sigma metrics quality criteria distinguish between good and excellent performance.

### **Kaiser P *et al.* (2016)**

HbA<sub>1c</sub>: EQA in Germany, Belgium and the Netherlands using fresh whole blood samples with target values assigned with the IFCC reference system HbA<sub>1c</sub> 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>

**What we see as the essence:** The authors were able to establish an external quality assessment scheme because the differences between the laboratories were minor.