



## Document Information:

Document Author: Jaeschke, Irmgard {DOMC~Mannheim}, Maschat, Cordula  
{DOMC~Mannheim}  
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## Electronic Signatures:

Signed By: jaeschki (Irmgard Jaeschke {DOMCSD..6164})  
Role: Reviewer  
Signature Differentiation: Quality Control  
Signed Date: 27-Aug-2018 11:10:59 (UTC)

Signed By: loewh (Heiner Loew {DOMC....6164})  
Role: Approver  
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## Specification

Product: **Albumin Gen.2  
(ALB2)**

Catalog No. 03183688122

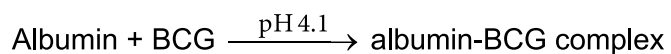
### Intended use:

In vitro test for the quantitative determination of the albumin concentration in human serum and plasma on COBAS INTEGRA and Roche/Hitachi cobas c systems.

### Test principle:

Colorimetric assay.

At a pH value of 4.1, albumin displays a sufficiently cationic character to be able to bind with bromocresol green (BCG), an anionic dye, to form a blue-green complex.



The color intensity of the blue-green color is directly proportional to the albumin concentration in the sample.

**Roche Diagnostics GmbH  
Roche Diagnostics Global Operations  
Quality Control Mannheim**

D-68305 Mannheim  
Phone: +49-621-759-0  
Fax: +49-621-759-2890

## 1. Reagents-working solutions:

### 1.1 Citrate buffer solution (B):

1.1.1 pH-value (25 °C): 4.00 - 4.20

### 1.2 Citrate buffer/bromcresolgreen solution (C):

1.2.1 pH-value (25 °C): 4.00 - 4.20

## 2. Performance test:

### 2.1 Recovery on COBAS INTEGRA analyzer(s):

PreciControl ClinChem Multi 1 (Cat. No. 05947626190): 90 - 110 %

PreciControl ClinChem Multi 2 (Cat. No. 05947774190): 90 - 110 %

### 2.2 Recovery on Roche/Hitachi cobas c analyzer(s):

PreciControl ClinChem Multi 1 (Cat. No. 05947626190): 90 - 110 %

PreciControl ClinChem Multi 2 (Cat. No. 05947774190): 90 - 110 %

### Also required:

Calibrator f.a.s. (Cat. No. 10759350190)