



Document Information:

Document Author: Maschat, Cordula {DOMC~Mannheim}
Business Area / Unit: Roche Professional Diagnostics
Confidentiality: Confidential
Document Class: Device Master Record
Document Type: Device Master Record
Document Creator: Maschat, Cordula {DOMC~Mannheim}
Document Lifecycle Status: Signed
Valid From: 03-Jan-2019 09:38:31 (UTC)
Valid To:
Document Title: C_0201_RSP_03004732000
Document Number: 0000000000001008018000356
Document Version: 06
Template: No

Global Group: Regulatory Affairs
Global SubGroup: Specification Prod. (Registr.)
Local Group: Reg. Specification
Language: English
Site: RDG Germany
Department: C_DOMCC
Document Applies To: C_QC Centralized Assays
Document Description: Lactate Dehydrogenase acc. to IFCC ver.2 (LDHI2) - "Only for
use in Regulatory Affairs"
Change Request eCCP PLM: 400030458

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Signature Differentiation: Quality Control
Signed Date: 02-Jan-2019 12:47:26 (UTC)



Specification

Product: **Lactate Dehydrogenase acc. to IFCC ver.2**
(LDHI2)

Catalog No. 03004732122

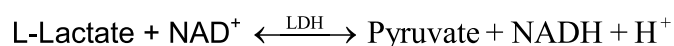
Intended use:

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

Test principle:

UV-assay

Lactate dehydrogenase catalyzes the conversion of L-lactate to pyruvate; NAD is reduced to NADH in the process.



The initial rate of NADH formation is directly proportional to the catalytic LDH activity and is determined by measuring the increase in absorbance.

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1. Reagents-working solutions:

1.1 N-methylglucamine, lithium lactate solution (B):

1.1.1 pH-value (25 °C): 9.60 - 9.80

1.2 NAD solution (C):

1.2.1 pH-value (25 °C): 3.60 - 3.80

2. Performance test:

2.1 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 %

2.2 Recovery on COBAS INTEGRA 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. (Catalog No. 10759350190)