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(GGT-2) - "Only for use in Regulatory Affairs"
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Specification

Product: **γ -Glutamyltransferase ver.2**
Standardized against IFCC / Szasz
(GGT-2)

Catalog No. 03002721122

Intended use:

In vitro test for the quantitative determination of γ -glutamyltransferase (GGT) in human serum and plasma on Roche/Hitachi cobas c systems and COBAS INTEGRA systems.

Test principle:

Enzymatic colorimetric assay

γ -glutamyltransferase transfers the γ -glutamyl group of L- γ -glutamyl-3-carboxy-4-nitroanilide to glycylglycine.

L- γ -glutamyl-3-carboxy-4-nitroanilide + glycylglycine $\xrightarrow{\text{GGT}}$

L- γ -glutamyl-glycylglycine + 5-amino-2-nitrobenzoate

The amount of 5-amino-2-nitrobenzoate liberated is proportional to the GGT activity in the sample. It is determined by measuring the increase in absorbance photometrically.

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1. Reagents-working solutions:

1.1 Buffer/glycylglycine solution (B):

1.1.1 pH-value (25 °C): 8.15 - 8.35

1.2 Buffer/substrate solution (C):

1.2.1 pH-value (25 °C): 4.40 - 4.60

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)