

AUTOZYME™ RF

Rheumatoid Factor IgG antibodies

- *Accuracy - calibration to reference preparation 64/2 & internal controls*
- *Flexibility - kit can be run manually or on an automated system*
- *Methodology - allows simultaneous measurement*
- *Practicality - “break a well” strips allows economic use*
- *Ready to use - colour coded reagents*
- *Specificity - use of high purity horse IgG antigen*

• Indication

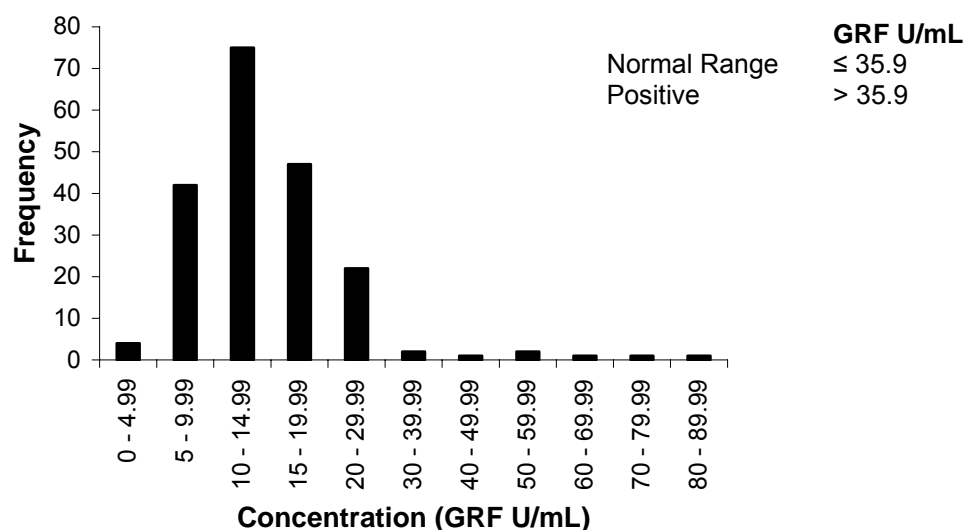
AUTOZYME™ RF Rheumatoid Factor IgG antibodies is a sandwich immunoassay for the quantitative detection of Rheumatoid Factor IgG antibodies in human serum.

• Summary and explanation of test

The presence of rheumatoid factors (auto-antibodies directed against the Fc region of IgG molecules) is a common feature of rheumatoid arthritis. Rheumatoid factors have been found among the IgM, IgA and IgG classes of immunoglobulin. Most agglutination methods detect 19S (pentameric) IgM rheumatoid factor (RF) only. Using ELISA technology all major immunoglobulin classes can be measured.

IgG RF has been reported to increase significantly in patients with rheumatoid vasculitis and correlate with disease activity. Moreover, IgG RF may contribute to the tissue damage by activating complement.

• Reference ranges



- *Related Products: AUTOZYME™ ACL, ENA, IFAB, nDNA, TAB*
- *Instructions for use & Safety data sheets available on-line at: <http://www.clsdiagnostics.com/downloads/>*

AUTOZYME™ RF Rheumatoid Factor IgG antibodies

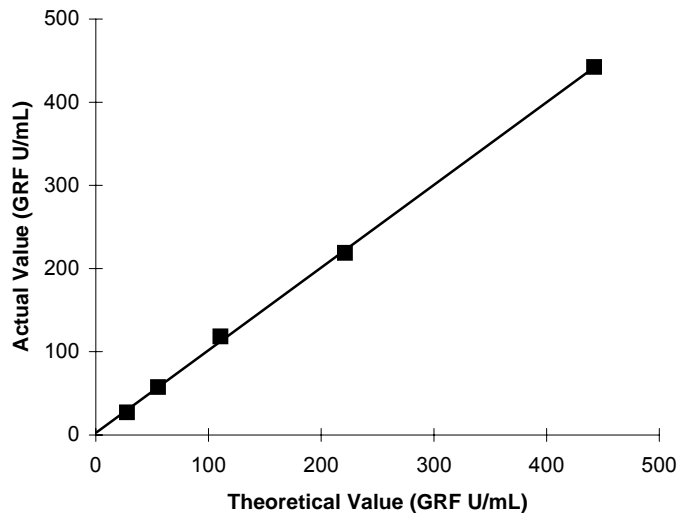
Catalogue No. Z9396



• Precision

Intra-assay precision (n = 20)		Inter-assay precision (n = 10)	
Mean (GRF U/mL)	CV (%)	Mean (GRF U/mL)	CV (%)
16.5	2.9	16.9	14.4
116.1	8.4	102.3	11.6
320.1	6.8	287.7	15.8

• Linearity



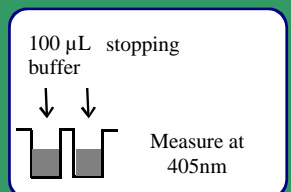
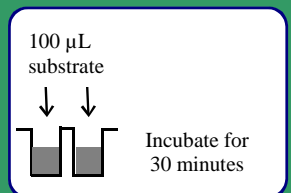
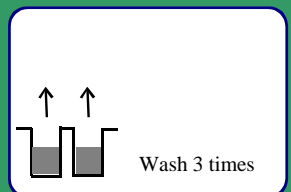
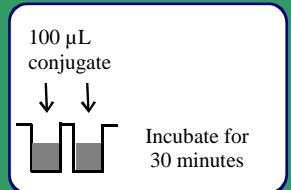
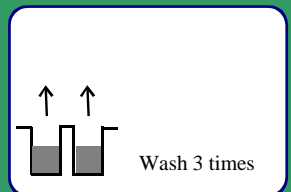
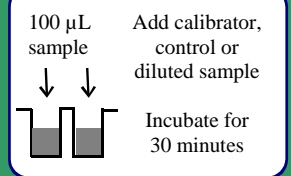
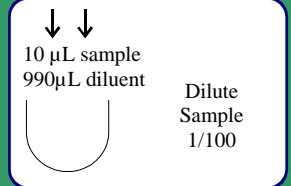
• Interfering analytes

No significant interference outside of the usual precision of the assay was detected with the following potential interferents:

Bilirubin	250 mg/L
Haemoglobin	5 g/L
Ascorbic acid	2 g/L
Lipids	10 %

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Test procedure



AUT RF/IgG v03 130605