



## PERFORMANCE CHARACTERISTICS

These metrological characteristics have been obtained using an automatic analyser HITACHI 917. Results may vary if a different instrument is used.

- **Analytical range:** 7 – 250 ng/ml.  
For higher concentrations dilute the sample with 0.9% NaCl and repeat the assay. Multiply the result by dilution factor.

- **Specificity / Interferences**

Haemoglobin up to 0.3 g/dl, bilirubin up to 30 mg/dl and triglycerides up to 300 mg/dl do not interfere with the test.

- **Precision**

Repeatability (run to run) n = 20	Mean [ng/ml]	SD [ng/ml]	CV [%]
level 1	9.9	0.4	4.03
level 2	22.6	0.3	1.37
level 3	96.5	0.7	0.71

- **Method comparison**

A comparison between CORMAY reagent (y) and commercially available assay (x) using 78 samples gave following results:

$$y = 1.01 x + 16.73 \text{ ng/ml};$$

$$R = 0.996 \quad (R - \text{correlation coefficient})$$

## WASTE MANAGEMENT

Please refer to local legal requirements.

## LITERATURE

1. Bergstrand C. G. et al.: Demonstration of a new protein fraction in serum from the human fetus., Scand. J. Clin. Lab. Invest., 8, 174 (1956).
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3. Singer J. M. et al.: The latex fixation test. I. Application to the serologic diagnosis of rheumatoid arthritis, Amer. J. Med., 21, 888 (1956).
4. Pesce A. J., Kaplan L.A.: Methods in Clinical Chemistry, St. Louis, Mosby, 459-465 (1987).
5. Burtis CA, Ashwood ER, Bruns DE, editors. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics. 4<sup>th</sup> ed, St. Louis: W. B Saunders Company; 2006, 2269.

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