



LYSOZYME

DETERMINATION OF LYSOZYME (EC 3.2.1.17) IN SERUM, URINE OR FAECES

Turbidimetric method

Suitable for all analyzers – 200 tests

Product insert with instructions for automated and manual procedures

Faeces Pretreatment Reagent

Lysozyme Standard & Controls



SUMMARY

PRINCIPLE

A suspension of *Micrococcus Lysodeicticus* in a suitable buffer is incubated at 30 °C or 37 °C with the sample. The lysozyme concentration is calculated from the decrease of turbidity. Hen egg white lysozyme is used as a standard.

SAMPLE MATERIAL

Use serum, plasma, urine undiluted or pre-treated faeces.

LINEARITY

Linearity: Plasma / Serum
25 mg / liter at 30°C
13 mg / liter at 37°C

Linearity: Urine
5.0 mg / liter at 37°C

EXPECTED VALUES

In serum: 3.0 - 12.0 mg/l
In plasma: 4.0 - 15.0 mg/l

In urine: 0 - 3 mg/l
In faeces: < 6 mg/l

QUALITY CONTROL

Products

Lysozyme Control Low Level
Lysozyme Control High Level

Product no.

3003
3004

Quantity

10 x 5 ml
10 x 5 ml

QUANTITY OF DETERMINATIONS

According to product insert of Lysozyme Reagent Set (2419):

Procedure

- Manual : 17 tests
- Automated : 200 tests

Products	Product no.	Quantity
Lysozyme Reagent Set	2419	17 manual 200 automated
Lysozyme Standard Concentration: 25 mg/l	2411	10 x 5 ml
Lysozyme Control Low Level	3003	10 x 5 ml
Lysozyme Control High Level	3004	10 x 5 ml
Lysozyme Pretreatment Reagent	2493	1 x 500 ml



NOTES

1. For in vitro diagnostic use only.
2. For professional use only.
3. Always contact INstru**chemie** for the complete product insert and latest edition.
4. Printed in the Netherlands, January 2016 – version 4.0