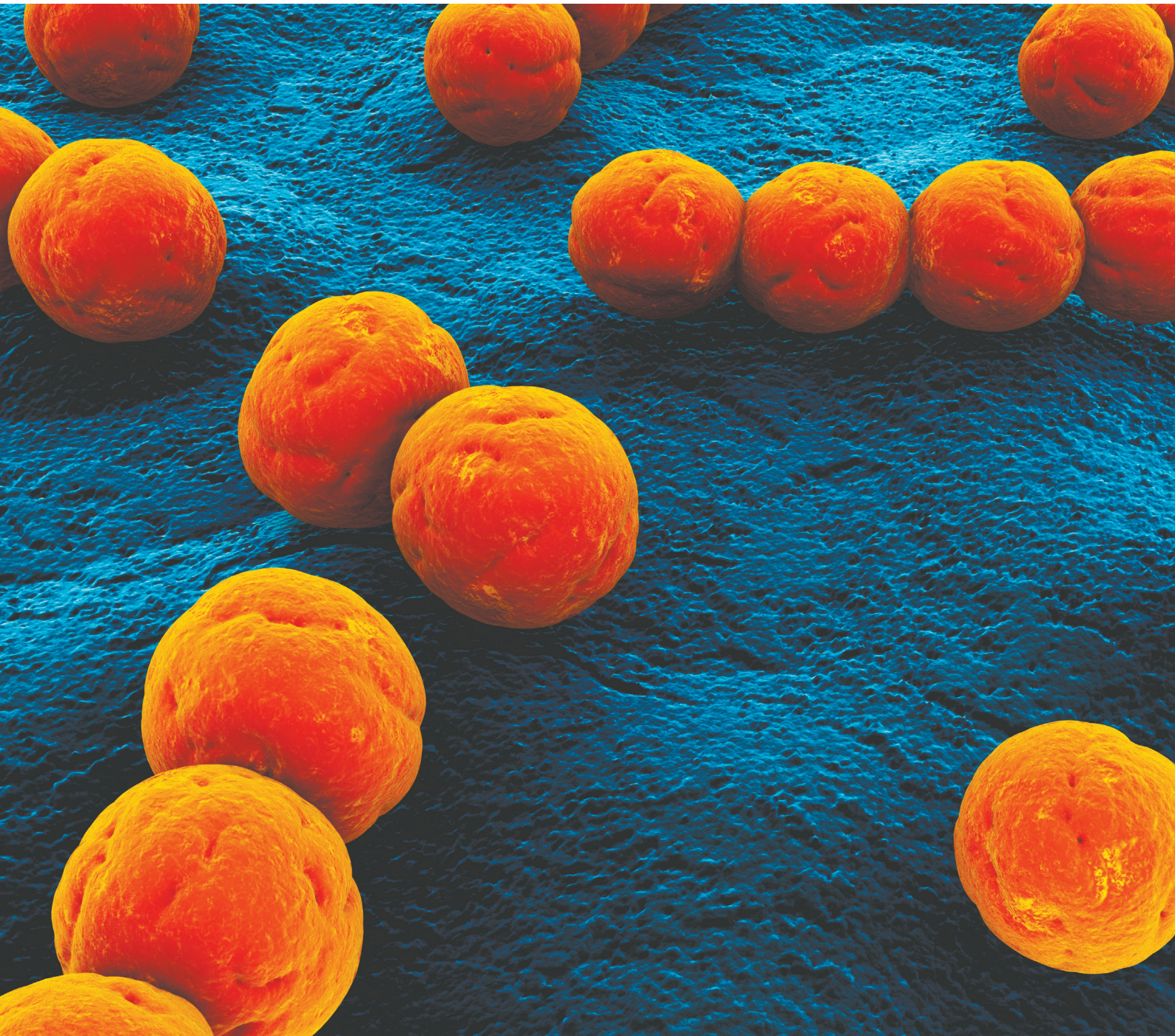


STREPTOCOCCUS LATEX GROUP KIT

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PREVENTS AND CONTROLS INFECTIOUS
DISEASES, BIOLOGICAL THREATS
AND CONGENITAL DISORDERS

Description

The Streptococcus Latex Group kit is a rapid latex agglutination test for serotyping of streptococci (Lancefield groups A, B, C, D, F and G) using chemical extraction of group specific antigens with nitrous acid extraction reagents. The kit contains reagents for approximately 75 tests.

Background

Streptococci are characterized by the Lancefield groups e.g. A, B, C, D, F and G. Hemolytic streptococci (Group A, B, C, D, F and G) can cause streptococcal infections like pharyngitis (Group A) or meningitis in newborns (Group B), but also infections like impetigo, urinary tract infections, pneumonia, necrotizing fasciitis, and Streptococcal bacteremia. Group D streptococci are most often associated with bacteremia with or without endocarditis; but are also known to cause infections like urinary tract infections, meningitis, neonatal sepsis and septic arthritis among others. Proper diagnosis of streptococcal infections requires microbiological verification including serological identification of serogroups besides interpreting clinical symptoms.

Kit content

The Streptococcus Latex Group kit consists of:

- Six vials (A, B, C, D, F and G) containing latex particles coated with streptococcal group antiserum raised in rabbits (0.0975 % sodium azide as preservation). Cross-reactions in the antisera have been removed by absorption.
- Extraction reagent 1: two vials containing 2 mL each of sodium nitrite solution
- Extraction reagent 2: two vials containing 2 mL each of an acid solution
- Neutralising reagent 3: Two vials containing 2 mL each of a neutralizing solution
- Reaction cards for latex agglutinations.

Available Products

Art. No.	Product	Number of tests	Packing
73265	Streptococcus Latex group kit	6 x 75	1 box
54991	Strep-B-Latex kit incl. 10 types (Ia-IX)	10 x 75	1 box
73258	Latex group A	75	1.5 mL
73259	Latex group B	75	1.5 mL
73260	Latex group C	75	1.5 mL
73261	Latex group D	75	1.5 mL
73262	Latex group F	75	1.5 mL
73263	Latex group G	75	1.5 mL
73264	Latex group L	75	1.5 mL
86255	Extraction reagent 1	40	2 mL
86256	Extraction reagent 2	40	2 mL
86257	Neutralising reagent 3	40	2 mL
53285	Reaction cards for latex agglutination	3 x 200	1 box

Storage and shelf life

Store at 2 - 8°C in a dark place. Expiry date is printed on the package.

References

1. Harvey, CL., McIlmurray, MB. Eur. J. Clin. Microbiol, 6(3): 526-530, 1984.
2. Birch, BR. et al., J Clin Pathol, 37: 1289-1292, 1984.
3. Finch, RG., Phillips, I. J Clin Pathol, 30: 168-170, 1977.
4. Poultrell, B. Am J Vet Res, 44(3): 490-492, 1983.

Information and ordering

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