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Mar 17, 2022

Serotyping V.2

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dx.doi.org/10.17504/protocols.io.b4ysqxwe

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Serotyping of *Streptococcus agalactiae* isolates was carried out by Immulex® Strep-B Latex (Statens Serum Institut, Copenhagen, Denmark), classifying them in serotypes 1a, 1b, II, III, IV, V, VII, VIII, or IX.

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protocol

Palacios-Saucedo GdC, Rivera-Morales LG, Vázquez-Guillén JM, Caballero-Trejo A, Mellado-García MC, Flores-Flores AS, González-Navarro JA, Herrera-Rivera CG, Osuna-Rosales LE, Hernández-González JA, Vázquez-Juárez R, Barrón-Enríquez C, Valladares-Trujillo R, Treviño-Baez JD, Alonso-Téllez CA, Ramírez-Calvillo LD, Cerda-Flores RM, Ortiz-López R, Rivera-Alvarado M

 protocol ,

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1 Use one colony from a 5-10% blood agar plate.

- 2 Add one drop (10µl) of latex reagent on a glass slide.

NOTE: Before using the latex reagent, the bottles should be at room temperature. Remember to shake it.

- 3 Apply 10µl phosphate buffer saline next to the drop of latex and suspend one colony from the agar plate into the drop of saline.

NOTE: Do not add too much colony material because that might give false positives.

- 4 Mix the two drops

NOTE: Use a different stick for each reaction.

- 5 Spread to cover the area of the circle.

- 6 Observe for agglutination within 5-10 seconds.

NOTE: Any agglutination after 30 seconds is not a positive result.

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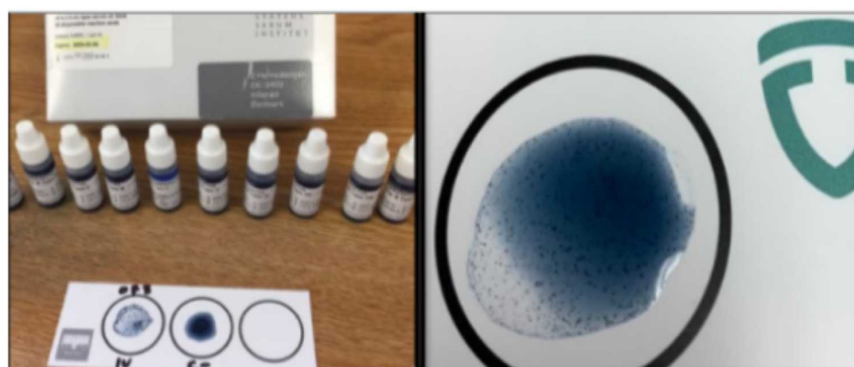


Figure 7. Kit ImmuLex® Strep-B Latex (left). A positive reaction (right).