



Technical Bulletin

Discontinuation of Streptozyme Testing

TO: Our Valued Clients

FROM: Dr. Wesley Kim, MD
Medical Director DLS
and QMC West

DATE: October 12, 2020

SUBJECT: Discontinuation of Streptozyme Testing

As of 10/31/2020 DLS will no longer be able to offer Streptozyme testing.

DLS was recently informed that the manufacturer of our Streptozyme test will no longer be producing this test in the U.S. Unfortunately, there are also no replacement or alternative Streptozyme tests at the present time.

Streptozyme testing typically detected the qualitative presence of one or more of the following antibodies: Anti-streptolysin (ASO), Anti-hyaluronidase (AHase), Anti-streptokinase (ASKase), Anti-nicotinamide-adenine dinucleotidase (anti-NAD), and Anti-DNase B antibodies.

When screening patients for suspected Group A Strep infections, Streptozyme was often ordered in conjunction with specific ASO testing. While ASO is commonly elevated in patients with pharyngitis, it can be falsely low or negative in patients with skin infections or have been treated with antimicrobial therapy. However, as Streptozyme also checks for the presence of Anti-DNase B, and others, it would be positive in both pharyngitis and skin infections.

The following table illustrates what testing will still be available:

<i>Test</i>	<i>Specimen Type</i>	<i>Order Code</i>	<i>Test location</i>
ASO	<i>Preferred:</i> Serum in Serum Separator Tube <i>Acceptable:</i> Plasma in Lithium Heparin (Green), Serum in Plain (Red)	402	DLS
Strep A by Nucleic Acid Test	<i>Preferred:</i> Throat Swab in Liquid Amies Collection and Transport System (e.g. Eswab)	5824	DLS
DNase-B Ab	<i>Preferred:</i> Serum in Serum Separator Tube <i>Acceptable:</i> Serum in Plain (Red)	4382	Quest Diagnostic Lab-NI

We apologize for any inconvenience this may cause to our clients and their patients. We will continue to investigate any alternatives should they become available in the near future. If you have any questions please call DLS Client Services at 589-5101 or Dr. Wesley Kim at 589-5131.