

Patient ID SA00165216	Patient Name TESTINGRN, PN23M-ABN	Birth Date 1995-01-01	Sex F	Age 28
Order Number SA00165216	Client Order Number SA00165216	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 14 Dec 2023 00:00		

S. pneumoniae IgG Ab,23 serotypes,S

Interpretation

① SDL

Evaluation of the immune response following pneumococcal vaccination can be assessed by measuring serotype-specific Streptococcus pneumonia IgG antibodies. Either of the following conditions is consistent with a normal response to Streptococcus pneumonia vaccination: 1. When comparing pre and post-vaccination samples, antibody concentrations increased by at least 2-fold for either >50% of serotypes in children <6 years of age or >70% of serotypes for individuals >6 years of age. 2. In either a pre- or post-vaccination sample, antibody concentrations ≥ 1.0 mcg/mL for either >50% of serotypes for children <6 years of age or >70% of serotypes for individuals >6 years of age. Results ≥ 1.0 mcg/mL or those showing a ≥ 2 -fold change are consistent with an immune response, but are not necessarily sufficient to provide protection against infection.

Serotype 1 (1)

<0.1 mcg/mL

SDL

Reference Value
 ≥ 1.0

Serotype 2 (2)

<0.1 mcg/mL

SDL

Reference Value
 ≥ 1.0

Serotype 3 (3)

<0.1 mcg/mL

SDL

Reference Value
 ≥ 1.0

Serotype 4 (4)

<0.1 mcg/mL

SDL

Reference Value
 ≥ 1.0

Serotype 5 (5)

<0.1 mcg/mL

SDL

Reference Value
 ≥ 1.0

Serotype 8 (8)

<0.1 mcg/mL

SDL

Reference Value
 ≥ 1.0

Serotype 9N (9)

<0.1 mcg/mL

SDL

Reference Value
 ≥ 1.0

Serotype 12F (12)

<0.1 mcg/mL

SDL

Reference Value
 ≥ 1.0

Serotype 14 (14)

<0.1 mcg/mL

SDL

Reference Value
 ≥ 1.0

Serotype 17F (17)

<0.1 mcg/mL

SDL

Reference Value
 ≥ 1.0

Serotype 19F (19)

<0.1 mcg/mL

SDL

Reference Value
 ≥ 1.0

Serotype 20 (20)

<0.1 mcg/mL

SDL

Reference Value
 ≥ 1.0

Serotype 22F (22)

<0.1 mcg/mL

SDL

Reference Value
 ≥ 1.0

Serotype 23F (23)

<0.1 mcg/mL

SDL

Reference Value
 ≥ 1.0

Serotype 6B (26)

<0.1 mcg/mL

SDL

Reference Value
 ≥ 1.0

Serotype 10A (34)

<0.1 mcg/mL

SDL

Reference Value
 ≥ 1.0

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
SDL	Mayo Clinic Laboratories - Rochester Superior Drive	3050 Superior Drive NW, Rochester MN 55905	William G. Morice M.D. Ph.D.	24D1040592

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Serotype 11A (43)

<0.1 mcg/mL

SDL
Reference Value
≥1.0

Serotype 19A (57)

<0.1 mcg/mL

SDL
Reference Value
≥1.0

Serotype 7F (51)

<0.1 mcg/mL

SDL
Reference Value
≥1.0

Serotype 9V (68)

<0.1 mcg/mL

SDL
Reference Value
≥1.0

Serotype 15B (54)

<0.1 mcg/mL

SDL
Reference Value
≥1.0

Serotype 33F (70)

<0.1 mcg/mL

SDL
Reference Value
≥1.0

Serotype 18C (56)

<0.1 mcg/mL

SDL
Reference Value
≥1.0

Received: 14 Dec 2023 16:15

Reported: 14 Dec 2023 16:48

Laboratory Notes

- 1 This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

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SDL	Mayo Clinic Laboratories - Rochester Superior Drive	3050 Superior Drive NW, Rochester MN 55905	William G. Morice M.D. Ph.D.	24D1040592