Quest Diagnostics

Report Status: Final

Patient Information	Specimen Information	Client Information
DOB: **AGE:** Gender: Phone	Specimen: Requisition: Lab Ref #: Collected: Received: Reported:	

Test Name	In Range	Out Of Range	Reference Range	Lab
MEASLES, MUMPS, AND RUBELLA (MMR) AB (IGG) PANEL, IMMUNE STATUS				
MEASLES AB (IGG), IMMUNE STATUS	250		AU/mL	

AU/mL	Interpretation
<13.50	Not consistent with immunity
13.50-16.49	Equivocal
>16.49	Consistent with immunity

The presence of measles IgG suggests immunization or past or current infection with measles virus.

For additional information, please refer to http://education.QuestDiagnostics.com/faq/FAQ162 (This link is being provided for informational/ educational purposes only.)

Test Name	In Range	Out Of Range	Reference Range	Lab
MUMPS VIRUS AB (IGG), IMMUNE STATUS	500		AU/mL	

AU/mL	Interpretation
<9.00	Not consistent with immunity
9.00-10.99	Equivocal
>10.99	Consistent with immunity

The presence of mumps IgG antibody suggests immunization or past or current infection with mumps virus.

Test Name	In Range	Out Of Range	Reference Range	Lab
RUBELLA AB (IGG), IMMUNE STATUS	2.87		Index	

Index	Interpretation
<0.90	Not consistent with immunity
0.90-0.99	Equivocal
> or = 1.00	Consistent with immunity

The presence of rubella IgG antibody suggests immunization or past or current infection with rubella virus.

Test Name	In Range	Out Of Range	Reference Range	Lab
HEPATITIS B SURFACE AB IMMUNITY, QN	62		> OR = 10 mIU/mL	

Patient has immunity to hepatitis B virus.

For additional information, please refer to http://education.questdiagnostics.com/faq/FAQ105 (This link is being provided for informational/ educational purposes only).

Test Name	In Range	Out Of Range	Reference Range	Lab
VARICELLA ZOSTER VIRUS ANTIBODY (IGG)	557.30		index	

Index	Interpretation
<135.00	Negative - Antibody not detected

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          135.00 - 164.99    Equivocal
          > or = 165.00      Positive - Antibody detected

          A positive result indicates that the patient
          has antibody to VZV but does not differentiate
          between an active or past infection.
          The clinical diagnosis must be interpreted in
          conjunction with the clinical signs and symptoms of
          the patient. This assay reliably measures immunity
          due to previous infection but may not be
          sensitive enough to detect antibodies induced by
          vaccination. Thus, a negative result in a vaccinated
          individual does not necessarily indicate
          susceptibility to VZV infection. A more sensitive
          test for vaccination-induced immunity is Varicella
          Zoster Virus Antibody Immunity Screen, ACIF.
BORDETELLA PERTUSSIS
  TOXIN(PT) AB (IGG), IA           8                          IU/mL

      REFERENCE RANGE::
             Age (years)   (IU/mL)
        IgG: < or = 10       <66
              11-59          <43
             > or = 60       <32

      This assay cannot be used to assess protective immunity to
      pertussis because the specific antibodies and antibody levels
      that correlate with protection have not been well defined.
      The primary intent of the assay is to aid in the diagnosis
      of infection following natural exposure to Bordetella
      pertussis. The indicated PT IgG reference ranges reflect the
      90th percentile of antibody levels in sera from healthy
      children and blood donors; thus, levels above the reference
      range suggest recent infection or vaccination within the
      last few months.

      This test was developed and its analytical performance
      characteristics have been determined by Quest Diagnostics.
      It has not been cleared or approved by FDA. This assay has
      been validated pursuant to the CLIA regulations and is
      used for clinical purposes.

      For additional information, please refer to
      http://education.questdiagnostics.com/faq/FAQ209.
      (This link is being provided for informational/
      educational purposes only.)

TETANUS ANTITOXOID                 1.17                       IU/mL
      REFERENCE RANGE:    0.10 IU/mL or greater

      Antibody levels > or = 0.10 IU/mL are considered
      protective. However, tetanus can still occur in
      some individuals with such antibody levels. These
      results should not be used to determine the
      necessity to administer antitoxin when clinically
      indicated.
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Report Status: Final

Patient Information	Specimen Information	Client Information
DOB: **AGE:** Gender: Patient ID: Health ID:	Specimen: Collected: Received: Reported:	

Test Name	In Range	Out Of Range	Reference Range	Lab

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

DIPHTHERIA ANTITOXOID 0.17 IU/mL
REFERENCE RANGE: 0.10 IU/mL or greater

Interpretive Criteria
<0.10 IU/mL Nonprotective Antibody Level
> Or = 0.10 IU/mL Protective Antibody Level

Antibody levels > or = 0.10 IU/mL are considered protective. After a primary series of three properly spaced diphtheria toxoid doses in adults or four doses in infants, a protective level of antitoxin (defined as > or = 0.10 IU of antitoxin/mL) is reached in more than 95% of immunized persons.

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

QUANTIFERON(R)-TB GOLD PLUS, 1 TUBE	NEGATIVE Negative test result. M. tuberculosis complex infection unlikely.		NEGATIVE
NIL	0.01		IU/mL
MITOGEN-NIL	>10.00		IU/mL
TB1-NIL	0.02		IU/mL
TB2-NIL	0.03		IU/mL

The Nil tube value reflects the background interferon gamma immune response of the patient's blood sample. This value has been subtracted from the patient's displayed TB and Mitogen results.

Lower than expected results with the Mitogen tube prevent false-negative Quantiferon readings by detecting a patient with a potential immune suppressive condition and/or suboptimal pre-analytical specimen handling.

The TB1 Antigen tube is coated with the M. tuberculosis-specific antigens designed to elicit responses from TB antigen primed CD4+ helper T-lymphocytes.

The TB2 Antigen tube is coated with the

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Test Name	In Range	Out Of Range	Reference Range	Lab

M. tuberculosis-specific antigens designed to elicit responses from TB antigen primed CD4+ helper and CD8+ cytotoxic T-lymphocytes.

For additional information, please refer to https://education.questdiagnostics.com/faq/FAQ204 (This link is being provided for informational/ educational purposes only.)

PERFORMING SITE: