

NEW TEST

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Laminin 332 and p200 Antibodies, IgG by IIF

3020664, IGGLM332B4

Specimen Requirements:

Patient Preparation:

Collect: Plain red or serum separator tube (SST).

Specimen Preparation: Transfer 2 mL serum to an ARUP standard transport tube. (Min: 0.5 mL)

Transport Temperature: Refrigerated/ambient

Unacceptable Conditions: Hemolyzed or lipemic specimens. Plasma.

Remarks:

As a general rule, serum specimens should be shipped to the laboratory as soon as possible.

Store refrigerated unless shipping promptly (within 2 hours). Transport at ambient temperature to arrive within 7 days. If 7-14 days until received in laboratory, store and ship refrigerated. If greater than 14 days, serum specimens must be stored and shipped frozen.

Stability:

Ambient: 1 week; Refrigerated: 2 weeks; Frozen: Indefinitely

Methodology:

Qualitative Indirect Immunofluorescence (IIF)

Note:

The methodology is indirect immunofluorescence (IIF) of serum with substrates consisting of transfected cells expressing whole-length recombinant three-chain laminin 332 and transfected cells expressing the laminin beta4 chain that are grown and fixed as individual substrates on cover glass called "biochips".

Of important note, patients with anti-laminin 332 pemphigoid who develop antibodies to any of the three laminin 332 subunit chains are at risk for having an associated malignancy or developing one.

Laminin 332 previously was known as laminin 5, epiligrin, nicein, ladsin, and kalinin.

Patients with anti-p200 pemphigoid and antibodies to laminin beta4 also commonly have antibodies to laminin gamma1; anti-p200 pemphigoid was referred to previously as anti-laminin gamma1 pemphigoid.

Reports are qualitative, positive or negative (no antibody

titers).

For specimens less than 0.5 mL, call the Immunodermatology Laboratory at 801-581-7139.

CPT Codes: 88346; 88350

New York DOH Approval Status: Specimens from New York clients will be sent out to a New York DOH approved laboratory, if possible.

Interpretive Data:

Refer to report.

Reference Interval:

HOTLINE NOTE: Refer to the Hotline Test Mix for interface build information.