

LEGIONELLA ANTIGEN, URINE
#200114

NOTE: The testing and reporting is equivalent to Rochester test Legionella Antigen, U (81268)

USEFUL FOR: As an adjunct to culture for the presumptive diagnosis of past or current legionnaires' disease (*Legionella pneumophila* serogroup 1)

METHODOLOGY: Immunochromatographic Membrane Assay

REFERENCE VALUES: Negative (reported as positive or negative)

SPECIMEN REQUIREMENTS: 0.5 mL from a random urine collection. No preservative. Send specimen refrigerated in a plastic, 13-mL urine tube.

CAUTIONS:

- The diagnosis of legionnaires' disease cannot be based on clinical or radiological evidence alone. There is no single satisfactory laboratory test for legionnaires' disease. Culture results, serology, and antigen detection methods should all be used in conjunction with clinical findings for diagnosis.
- This assay has been validated using urine specimens only. For serum specimens, see #8122 "*Legionella pneumophila* (Legionnaires' Disease), Antibody, Serum." Other specimen types (e.g., plasma or body fluids) that may contain *Legionella* antigen have not been tested.
- This assay is specific for *Legionella pneumophila* serogroup 1, and will not detect infections caused by other serogroups, nor other *Legionella* species, such as *L. micdadei* or *L. longbeachae*. Culture is recommended for suspected pneumonia to detect causative agents other than *Legionella pneumophila* serogroup 1, and to confirm infection.
- Excretion of *Legionella* antigen in urine may vary among patients, depending on their underlying illness or treatment. Some individuals have been shown to excrete antigen for extended periods of time (up to 1 year after acute infection) and positivity may, therefore, indicate previous infection rather than current infection. Early treatment with appropriate antibiotics may also decrease antigen excretion in some individuals, and the use of diuretics may affect the ability of the test to detect antigen. Consequently, patient history (eg, a history of a recent respiratory illness compatible with legionnaires' disease) must be considered when evaluating results.

LIST FEE: \$ 138.40

CPT CODE: 87449

ANALYTIC TIME: 1 day

DAY(S) SET UP: Mon – Friday, Sunday

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager
Mary Erath, Mayo Medical Laboratories' Technologist Support
Telephone: 800-533-1710



MAYO CLINIC
 Mayo Medical Laboratories

TEST DEFINITION

7/28/2009

Code Name

 200114 Legionella Ag, U

**** End of Name to order code Report ****

MML MML Test setup information

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
200114	7/15/2009		Legionella Ag, U			NEL
Transport temp : Refrig\Frozen OK\Ambient <24 hours OK 200114 Legionella Ag, U Possible result values include : Negative#S200114N,Positive#SGRN,S200114PP NO SEX All Ages : ; Negative MALE All Ages : ; Negative FEMALE All Ages : ; Negative						

*Performing Site Legend

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NEL    Mayo Medical Laboratories New England    LAB DIRECTOR:    Lynn A. Cheryk, Ph.D.
      160 Dascomb Road
      Andover, MA 01810
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*** End of Report ***

MML

Messages used as normals

CODE

TEXT

Total of 0 normals codes

*** End of Report ***



LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME TEST, SEROAG		PATIENT NUMBER		AGE 44	SEX F	ACCESSION # G9132077
ORDERING PHYSICIAN		CLIENT ORDER #				ACCOUNT # JAHTEST
COLLECTION 07/17/09	RECEIVED 07/17/09 12:13 P	REPORT PRINTED 07/27/09 03:01 P		SPECIMEN INFORMATION DATE OF BIRTH:		
DATE	TIME	DATE	TIME			
JAH Test Client Attn: Please throw away 200 1st Street SW Rochester, MN 55905-0001						

TEST REQUESTED	HI LO	REF RANGE	PERFORM SITE *
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Legionella Ag, U

Legionella Ag, U	Negative	Negative	NEL
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Negative: Negative for *L.pneumophila* serogroup 1 antigen, suggesting no recent or current infection. Infection due to *Legionella* cannot be ruled out since other serogroups and species may cause disease, antigen may not be present in urine in early infection, and the level of antigen present in the urine may be below the limit detection limit of the test.

Streptococcus pneumoniae Ag, U

Streptococcus pneumoniae Ag, U	Negative	Negative	NEL
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Presumptive negative for pneumococcal pneumonia, suggesting no current or recent infection. Infection due to *S. pneumoniae* cannot be ruled out since the antigen present in the sample may be below detection limit of the test.

*** PERFORMING SITE**

NEL	Mayo Medical Laboratories New England 160 Dascomb Road Andover, MA 01810	Lab Director: Lynn A. Cheryk, Ph.D.
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PATIENT NAME TEST, SEROAG	ORDER STATUS Final	COLLECTION DATE AND TIME 07/17/09
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Specimen receipt and report times are in CST/CDT

REPRINT

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LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME TEST, SEROAG		PATIENT NUMBER		AGE 44	SEX F	ACCESSION # G9132076
ORDERING PHYSICIAN		CLIENT ORDER #				ACCOUNT # JAHTEST
COLLECTION 07/17/09	RECEIVED 07/17/09 12:12 P	REPORT PRINTED 07/27/09 02:59 P		SPECIMEN INFORMATION DATE OF BIRTH:		
DATE	TIME	DATE	TIME			
JAH Test Client Attn: Please throw away 200 1st Street SW Rochester, MN 55905-0001						

TEST REQUESTED	HI LO	REF RANGE	PERFORM SITE *
Legionella Ag, U			
Legionella Ag, U	Positive	Negative	NEL
SIGNIFICANT RESULT			
Positive: Positive for L.pneumophilia serogroup 1 antigen in urine, suggesting infection within the past 12 months.			
Streptococcus pneumoniae Ag, U			
Streptococcus pneumoniae Ag, U	Positive	Negative	NEL

* PERFORMING SITE

NEL	Mayo Medical Laboratories New England 160 Dascomb Road Andover, MA 01810	Lab Director: Lynn A. Cheryk, Ph.D.
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PATIENT NAME TEST, SEROAG	ORDER STATUS Final	COLLECTION DATE AND TIME 07/17/09
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Specimen receipt and report times are in CST/CDT

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