

**Sperm Antibody, Direct, Semen
#89882**

USEFUL FOR: As the preferred test and specimen type (semen) for males suspected of sperm antibodies, this test is indicated in the investigation of male infertility:

- As a follow-up test when sperm agglutination is noted in the ejaculate
- In men with a history of testicular trauma, biopsy, vasectomy reversal, genital tract infection or obstructive lesions of the reproductive ductal system

METHODOLOGY: Immunobead Technique

REFERENCE VALUES: Less than 50% total binding

SPECIMEN REQUIREMENTS: Viable semen specimen, specimen must be sent using kit (Supply T356) supplied. Send specimen refrigerated.

NOTE: Please see collection instructions within kit.

CAUTIONS: Sperm antibody testing is not recommended for routine infertility testing.

In cases where specimen production presents difficulties, a serum specimen can be tested (see #9502 "Sperm Antibody, Serum).

LIST FEE: \$ 233.20

CPT CODE: 89325

ANALYTIC TIME: 2 days

DAY(S) SET-UP: Monday through Friday, Set up at 8:30 a.m. Send specimen Monday through Thursday only and not the day before a holiday. If holiday falls on a Saturday holiday will be observed on the preceding Friday. Sunday holidays are observed on the following Monday. Laboratory does not perform testing on weekends.

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or Marvin H. Anderson, Jr., Mayo Medical Laboratories' Technologist Support
Telephone: 800-533-1710

TEST DEFINITION

10/29/2009

Code Name

89882 Antisperm Antibody, Semen

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
89882	10/27/2009		Antisperm Antibody, Semen			MCR
			Transport temp : Refrig\Frozen NO\Ambient NO			
			31177 Sperm Ab			
			31178 Study Type			
			Expect results of form : Enter "D" (Direct) or "I" (Indirect).			
			Possible result values include : Direct,Indirect			
			31179 Head, IgA			
			Expect results of form : Should be 1-3 digits			
			Possible result values include : No Binding			
			Units: %			
			NO SEX			
			All Ages : 0-49		; 0-49	
			MALE			
			All Ages : 0-49		; 0-49	
			FEMALE			
			All Ages : 0-49		; 0-49	
			31180 Head, IgG			
			Expect results of form : Should be 1-3 digits			
			Possible result values include : No Binding			
			Units: %			
			NO SEX			
			All Ages : 0-49		; 0-49	
			MALE			
			All Ages : 0-49		; 0-49	

(continued next page)

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
-----	----	----	-----	-----	-----	-----
89882	(continued)					
		31180	Head, IgG (continued) FEMALE	All Ages : 0-49	; 0-49	
		31181	Head, IgM	Expect results of form : Should be 1-3 digits Possible result values include : No Binding Units: % NO SEX	All Ages : 0-49	; 0-49
			MALE	All Ages : 0-49	; 0-49	
			FEMALE	All Ages : 0-49	; 0-49	
		31182	Midpiece, IgA	Expect results of form : Should be 1-3 digits Possible result values include : No Binding Units: % NO SEX	All Ages : 0-49	; 0-49
			MALE	All Ages : 0-49	; 0-49	
			FEMALE	All Ages : 0-49	; 0-49	
		31183	Midpiece, IgG	Expect results of form : Should be 1-3 digits Possible result values include : No Binding Units: % NO SEX	All Ages : 0-49	; 0-49
			MALE	All Ages : 0-49	; 0-49	
			FEMALE	All Ages : 0-49	; 0-49	
		31184	Midpiece, IgM	Expect results of form : Should be 1-3 digits Possible result values include : No Binding Units: % NO SEX		

All Ages : 0-49 ; 0-49
 MALE
 All Ages : 0-49 ; 0-49
 FEMALE
 All Ages : 0-49 ; 0-49

31185 Tail, IgA
 Expect results of form : Should be 1-3 digits
 Possible result values include : No Binding
 Units: %
 (continued next page)

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
89882	(continued)					
		31185	Tail, IgA (continued)			
			NO SEX			
			All Ages : 0-49		; 0-49	
			MALE			
			All Ages : 0-49		; 0-49	
			FEMALE			
			All Ages : 0-49		; 0-49	
		31186	Tail, IgG			
			Expect results of form : Should be 1-3 digits			
			Possible result values include : No Binding			
			Units: %			
			NO SEX			
			All Ages : 0-49		; 0-49	
			MALE			
			All Ages : 0-49		; 0-49	
			FEMALE			
			All Ages : 0-49		; 0-49	
		31187	Tail, IgM			
			Expect results of form : Should be 1-3 digits			
			Possible result values include : No Binding			
			Units: %			
			NO SEX			
			All Ages : 0-49		; 0-49	
			MALE			
			All Ages : 0-49		; 0-49	
			FEMALE			
			All Ages : 0-49		; 0-49	

31188 Tail Tip, IgA
Expect results of form : Should be 1-3 digits
Possible result values include : No Binding
Units: %
- - - -

31189 Tail Tip, IgG
Expect results of form : Should be 1-3 digits
Units: %
- - - -

31190 Tail Tip, IgM
Expect results of form : Should be 1-3 digits
Units: %
- - - -

31191 Comment
TEST CODE ALWAYS MESSAGE - [ZASR]
ZASR Analyte Specific Reagent
This test was developed and its performance characteristics
determined by Laboratory Medicine and Pathology, Mayo
Clinic. This test has not been cleared or
approved by the U.S. Food and Drug Administration.
- - - -

*Performing Site Legend

=====
==
MCR Mayo Clinic Dpt of Lab Med & Pathology LAB DIRECTOR: Franklin R. Cockerill, III, M.D.
200 First Street SW
Rochester, MN 55905
=====

==
CODE TEXT

Total of 0 normals codes

*** End of Report ***

1-800-533-1710

PATIENT NAME TESTING, TONY		PATIENT NUMBER		AGE 42	SEX M	ACCESSION # G9135089
ORDERING PHYSICIAN			CLIENT ORDER #			ACCOUNT # LIAISONS
COLLECTION 09/21/09 08:20 A	RECEIVED 09/21/09 08:22 A	REPORT PRINTED 10/29/09 02:57 P		SPECIMEN INFORMATION DATE OF BIRTH: 11/21/1966		
DATE	TIME	DATE	TIME	DATE	TIME	
Test Client Attn: Mayo Liaisons 200 First Street SW Rochester, MN 55905 507-284-8202						

TEST REQUESTED	HI	LO	REF RANGE	PERFORM SITE *
----------------	----	----	-----------	----------------

Antisperm Antibody, Semen

Study Type	Direct			MCR
Head, IgA	49	%	0-49	MCR
Head, IgG	49	%	0-49	MCR
Head, IgM	49	%	0-49	MCR
Midpiece, IgA	49	%	0-49	MCR
Midpiece, IgG	49	%	0-49	MCR
Midpiece, IgM	49	%	0-49	MCR
Tail, IgA	49	%	0-49	MCR
Tail, IgG	49	%	0-49	MCR
Tail, IgM	49	%	0-49	MCR
Tail Tip, IgA	49	%		MCR
Tail Tip, IgG	49	%		MCR
Tail Tip, IgM	49	%		MCR
Comment				MCR

TAIL-TIP binding has not been associated with reduced fertility.

Analyte Specific Reagent

This test was developed and its performance characteristics determined by Laboratory Medicine and Pathology, Mayo Clinic. This test has not been cleared or approved by the U.S. Food and Drug Administration.

*** PERFORMING SITE**

MCR	Mayo Clinic Dpt of Lab Med & Pathology 200 First Street SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.
-----	---	--

PATIENT NAME TESTING, TONY	ORDER STATUS Final	COLLECTION DATE AND TIME 09/21/09 08:20 A
--------------------------------------	------------------------------	---