

NEW TEST ANNOUNCEMENT

NOTIFICATION DATE: October 29, 2009 EFFECTIVE DATE: October 30, 2009

Antisperm Antibody, Indirect #89883

USEFUL FOR: As the preferred 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 male ductal system

Because this test does not require motile sperm, this test is appropriate for off-site situations in which Mayo Supply kit (T356) is unavailable and the specimen is transported frozen to Mayo Medical Laboratories

METHODOLOGY: Immunobead Technique

REFERENCE VALUES: Less than 50% binding

SPECIMEN REQUIREMENTS: Viable semen specimen

- 1. After semen collection, wait 30 to 40 minutes until the semen is liquefied, then place in freezer.
- 2. Send specimen frozen in plastic vial/container.
- 3. Indicate seminal plasma for indirect assay on request form.
- 4. Label specimen appropriately (seminal plasma for indirect assay)

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

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

LIST FEE: \$ 233.20

CPT CODE: 89325

7 days **ANALYTIC TIME:**

DAY(S) SET-UP: Wednesday, Send specimen Monday through Friday

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

Name

Code

89883 Antisperm Antibody, Seminal Plasma EFF ORDER Perform CODE DATE TITLE Checking Normals TC Print normals (# coded) Site * -------------------Antisperm Antibody, Seminal Plasma MCR 89883 10/27/2009 Transport temp : Frozen\Refrig NO\Ambient NO 31192 Sperm Ab - - - - -31193 Study Type Expect results of form : Enter "D" (Direct) or "I" (Indirect). Possible result values include : Direct, Indirect 31194 Head, IqA 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 - - - -31195 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 Normal	s	Print normals (# coded)	Perform Site *
89883 (conf							
(33.1)	,	31195	Head, IgG FEMAI	(continued) LE			
			All Age	s : 0-49 -		; 0-49	
		31196	Head, IgM				
	Expect			hould be 1-3 digit	S		
	Possib	ole resu	llt values incl Units: ⁹	lude : No Binding			
			NO SI				
			All Age: MALE	s : 0-49		; 0-49	
				s: 0-49		; 0-49	
				s : 0-49		; 0-49	
		31197	Midpiece,				
	Expect			hould be 1-3 digit	S		
	Possib	ole resu		lude : No Binding			
			Units: ⁹				
			NO SI				
			MALE			; 0-49	
			All Age: FEMAI	s : 0-49 LE		; 0-49	
			All Ages	s : 0-49 -		; 0-49	
		31198	Midpiece,	IgG			
				hould be 1-3 digit	S		
	Possib	ole resu		lude : No Binding			
			Units: 9				
			NO SI				
			MALE	s : 0-49		; 0-49	
			All Age: FEMAI	s : 0-49 LE		; 0-49	
			All Ages	s : 0-49		; 0-49	
		0.1.1.00		-			
	F 4	31199	Midpiece,		_		
				hould be 1-3 digit	S		
	PUSSI	re resu	urt values inc. Units: ⁹	lude : No Binding			
			NO SI				
				s: 0-49		; 0-49	
			MALE	υ . υ-π <i>υ</i>		, v-च -	

```
Possible result values include : No Binding
                               Units: %
                   (continued next page)
 ORDER
            EFF
                                                                                                Perform
 CODE
            DATE
                                                                       Print normals (# coded) Site *
                   TC
                          TITLE Checking Normals
                                         -----
89883 (continued)
                            Tail, IgA (continued)
                   31200
                                  NO SEX
                               All Ages : 0-49
                                                                        ; 0-49
                                  MALE
                               All Ages : 0-49
                                                                        ; 0-49
                                  FEMALE
                               All Ages : 0-49
                                                                        ; 0-49
                   31201
                            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
                   31202
                            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
                                                                        ; 0-49
                               All Ages : 0-49
                                  FEMALE
                                                                        ; 0-49
                               All Ages : 0-49
                   31203
                            Tail Tip, IgA
            Expect results of form : Should be 1-3 digits
```

All Ages : 0-49 FEMALE

All Ages : 0-49

Tail, IgA

Expect results of form : Should be 1-3 digits

31200

; 0-49

; 0-49

Units: % 31204 Tail Tip, IqG Expect results of form : Should be 1-3 digits Units: % Tail Tip, IgM 31205 Expect results of form : Should be 1-3 digits Units: % 31206 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

Possible result values include: No Binding

Total of 0 normals codes

*** End of Report ***



1-800-533-1710

PATIENT NAME TESTING, TONY			PATIENT NU	PATIENT NUMBER		AGE 42	SEX M	ACCESSION # G9135192
ORDERING PHYSICIAN			CLIENT ORD	CLIENT ORDER #			•	ACCOUNT # LIAISONS
COLLECTION	RECEIVE		REPORT PR		SPECIMEN INFORMA			
09/22/09 10:50 A DATE TIME	09/22/09 DATE	10:53 A TIME	10/29/09 DATE	02:59 P TIME	DATE OF BIRTH:	11/21/19	66	
Test Client								
Attn: Mayo Liaisons								
200 First Street SW								
Rochester, MN 55905								
507-284-8202								
	H	1			-			

TEST REQUESTED	LO			REF RANGE	PERFORM SITE *
Antisperm Antibody, Semin	al Plasma				
Study Type		Indirect			MCR
Head, IgA	Н	50	%	0-49	MCR
Head, IgG	Н	50	%	0-49	MCR
Head, IgM	Н	50	%	0-49	MCR
Midpiece, IgA	н	50	%	0-49	MCR
Midpiece, IgG	н	50	%	0-49	MCR
Midpiece, IgM	н	50	%	0-49	MCR
Tail, IgA	н	50	%	0-49	MCR
Tail, IgG	н	50	%	0-49	MCR
Tail, IgM	н	50	%	0-49	MCR
Tail Tip, IgA		50	%		MCR
Tail Tip, IgG		50	%		MCR
Tail Tip, IgM		50	%		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	Lab Director: Franklin R. Cockerill, III, M.D.
	200 First Street SW Rochester, MN 55905	
-		

PATIENT NAME	ORDER STATUS	COLLECTION DATE AND TIME
TESTING, TONY	Final	09/22/09 10:50 A