

Laboratory Test Updates

(effective on February 03, 2025)

	Test Code	Test Name	Name Change	Methodology	Performed/Reported Schedule	Specimen Requirements	Reference Interval	Update In Additional	New Tests	Internalized Tests	Reactivated Tests	Inactive
1	C8690604	Minor Blood Group Antigen Typing						X				
2	C8699913	Anti-A1 Lectin			X			X				
3	C8699914	Anti-H Lectin			X			X				
4	C8688601	Anti-D Titration			X			X				
5	C8687001	Antibody Identification						X				
6	C8688002	Coombs, Direct (Monospecific)						X				
7	C8688001	Coombs, Direct (polyspecific)						X				
8	C8688501	Coombs, Indirect						X				
9	C8688502	Coombs, Indirect-Titrimetric						X				
10	C8690401	Cross match			X			X				
11	C8615703	Donath-Landsteiner Test						X				
12	C8690003	Isohemagglutinin				X		X				
13	C8690001	Blood Grouping (ABO) + Reverse Grouping			X			X				
14	C8690601	Rh Subgroups						X				

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Minor Blood Group Antigen Typing

Test Code : **8690604** - Laboratory Services

Methodology : **GEL CENTRIFUGATION** - Performed : **Mon-Fri 12:00** - Reported : **3 days**

Specimen Type	Collection Container/Tube	Specimen Volume	Transport
Whole Blood (EDTA) (TM)	Lavender (EDTA)	2mL	2-8°C

Additional Information 

In this test Lua, Lub, K, k, Kpa, Kpb, Jka, Jkb, M, N, S, s, Fya, Fyb antigens are typed. For the test, consult the laboratory.

Clinical Information 

47 blood group systems have been defined by the International Society of Blood Transfusion (ISBT). Of these, the ABO, Rh, Kell, Kidd, Duffy, MNS, P1PK, Lewis and Lutheran systems are of clinical importance in terms of hemolytic transfusion reactions (HTR) and hemolytic disease of the fetus and newborn (HDFN).

Related Tests 

Antibody Identification, Cross Match


2


Anti- A1 Lectin

Test Code : **8699913** - Laboratory Services


Methodology : **GEL CENTRIFUGATION** - Performed : **Mon-Fri 12:00** - Reported : **1 day later**

Specimen Type	Collection Container/Tube	Specimen Volume	Transport
Whole Blood (EDTA) (TM)	Lavender (EDTA)	2mL	2-8°C

Additional Information 

Clinical Information 

It is tested to distinguish the A subgroups (especially A1 and A2) in blood typing. Anti-A1 antibodies may occasionally develop in individuals with the A2 group. Anti-A1 antibodies in A2 or A2B individuals can rarely cause transfusion reactions in cases of incorrect blood transfusion.

Related Tests 

Blood Group (ABO) + Reverse Grouping, Anti-H Lectin

3

Anti- H Lectin

Test Code : **8699914** - Laboratory Services

Methodology : **GEL CENTRIFUGATION** - Performed : **Mon-Fri 12:00** - Reported : **1 day later**

Specimen Type	Collection Container/Tube	Specimen Volume	Transport
Whole Blood (EDTA) (TM)	Lavender (EDTA)	2mL	2-8°C

Additional Information <

Clinical Information v

This test is performed to evaluate the presence of H antigen on erythrocytes. It is used to identify ABO variations. It is especially important in identifying individuals with Bombay (Oh) or Parabombay (weak H antigen expression) phenotypes. Giving incompatible blood to individuals with Bombay (Oh) blood group may lead to hemolytic transfusion reactions.

Related Tests v

Blood Group (ABO) + Reverse Grouping, Anti-A1 Lectin

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Anti-D Titration

Test Code : **8688601** - Laboratory Services

Methodology : **GEL CENTRIFUGATION** - Performed : **Mon 08:00 Wed 08:00** - Reported : **Tue 18:00 Thu 18:00**

Specimen Type	Collection Container/Tube	Specimen Volume	Transport
Serum and Whole Blood (EDTA)	Separator + Lavander	10mL	2-8°C

Additional Information <

Clinical Information v

In cases of RhD incompatible pregnancies or RhD Negative patients who become immunized due to blood transfusions, if anti-D has developed, the amount (titer level) of anti-D antibodies is measured.

Related Tests <

Antibody Identification

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Antibody Identification

Test Code : **8687001** - Laboratory Services

Methodology : **GEL CENTRIFUGATION** - Performed : **Mon 08:00 Wed 08:00** - Reported : **Tue 18:00 Thu 18:00**

Specimen Type	Collection Container/Tube	Specimen Volume	Transport
Serum and Whole Blood (EDTA)	Separator + Lavander	10mL	2-8°C

Additional Information

Clinical Information

The patient is tested to specifically identify erythrocyte antibodies present in the blood that may have potential clinical significance. This test is particularly important in cases such as blood transfusions, pregnancies and auto-immune diseases.

Related Tests

Coombs, Indirect

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Coombs, Direct (Monospecific)

Test Code : **8688002** - Laboratory Services

Methodology : **GEL CENTRIFUGATION** - Performed : **Mon-Sat** - Reported : **2 hours**

Specimen Type	Collection Container/Tube	Specimen Volume	Transport
Whole Blood (EDTA) (TM)	Lavender (EDTA)	2mL	2-8°C

Additional Information

Clinical Information

It is performed to detect the presence of antibodies or complement proteins bound to the erythrocyte surface. Monospecific direct coombs is applied more specifically to detect only a certain class of antibody (e.g. IgG) or complement component (e.g. C3d).

Related Tests


Coombs, Direct (Polyspecific)


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Coombs, Direct (polyspecific)
 Test Code : **8688001** - Laboratory Services

Methodology : **GEL CENTRIFUGATION** - Performed : **Mon-Sat** - Reported : **2 hours**

Specimen Type	Collection Container/Tube	Specimen Volume	Transport
Whole Blood (EDTA) (TM)	Lavender (EDTA)	2mL	2-8°C

Reference Ranges 

Clinical Information 


It is performed to detect the presence of antibodies or complement proteins bound to the erythrocyte surface. Polyspecific direct coombs is a test that detects both antibodies (IgG) and complement proteins (C3) simultaneously.


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Coombs, Indirect
 Test Code : **8688501** - Laboratory Services

Methodology : **GEL CENTRIFUGATION** - Performed : **Mon 12:00 Wed 12:00** - Reported : **Tue 18:00 Thu 18:00**

Specimen Type	Collection Container/Tube	Specimen Volume	Transport
Serum and Whole Blood (EDTA)	Separator + Lavander	4mL	2-8°C
Whole Blood	Lavender (EDTA)		

Additional Information 

Reference Ranges 

Clinical Information 

It is tested to detect the presence of antibodies against erythrocyte surface antigens in patients who have been immunized for reasons such as pregnancy, transfusion or transplantation.

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Coombs, Indirect-Titrimetric

Test Code : **8688502** - Laboratory Services

Methodology : **GEL CENTRIFUGATION** - Performed : **Mon 12:00 Wed 12:00** - Reported : **Tue 18:00 Thu 18:00**


Specimen Type	Collection Container/Tube	Specimen Volume	Transport
Serum and Whole Blood (EDTA)	Separator + Lavender	4mL	2-8°C

Additional Information 

Reference Ranges 

Clinical Information 

It is tested to detect and monitor the level of antibodies developed against erythrocyte surface antigens in patients who have been immunized for reasons such as pregnancy, transfusion or transplantation.

Related Tests 

Coombs, Indirect

10

Cross-match

Test Code : **8690401** - Laboratory Services

Methodology : **GEL CENTRIFUGATION** - Performed : **Every day** - Reported : **2 hours**

Specimen Type	Collection Container/Tube	Specimen Volume	Transport
Whole Blood(EDTA)(CROSS)	Lavender (EDTA)	2mL	2-8°C

Clinical Information 

This test is performed to check the compatibility between the donor and the recipient before blood transfusions. It determines whether the recipient's blood contains antibodies against the donor's erythrocyte antigens.

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Donath-Landsteiner Test

Test Code : **8615703** - Laboratory Services

Methodology : **OTHER** - Performed : **Mon- Fri 12:00** - Reported : **1 day after**

Specimen Type	Collection Container/Tube	Specimen Volume	Transport
Serum	Plain Tube	12mL	18-24°C

Clinical Information 

It is a serological test to detect the IgG autoantibody that causes paroxysmal cold hemoglobinuria (PCH). This antibody is directed against the P antigen on the erythrocyte surface. Also known as Donath-Landsteiner antibodies.

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Isohemagglutinin
 Test Code : **8690003** - Laboratory Services

Methodology : **GEL CENTRIFUGATION** - Performed : **Mon-Fri 12:00** - Reported : **Mon-Fri 18:00**

Specimen Type	Collection Container/Tube	Specimen Volume	Transport
Serum and Whole Blood (EDTA)	Separator + Lavender	4mL	2-8°C

Clinical Information

It is performed to measure the presence and level of ABO blood group antibodies (isohemagglutinins). Isohemagglutinins are natural antibodies found in the plasma of individuals and usually occur against blood group antigens that the person does not have.

Related Tests

Blood Group (ABO) + Reverse Grouping

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Blood type (ABO) + Reverse Grouping
 Test Code : **8690001** - Laboratory Services

Methodology : **GEL CENTRIFUGATION** - Performed : **Every day** - Reported : **2 hours**

Specimen Type	Collection Container/Tube	Specimen Volume	Transport
Whole Blood (EDTA) (TM)	Lavender (EDTA)	2mL	2-8°C
Peripheral Stem Cell	Lavender (EDTA)	1mL	2-8°C

Clinical Information

To determine blood group, ABO and RhD antigens and ABO antibodies are examined.

14	Rh Subgroups			
	Test Code : 8690601 - Laboratory Services			
	Methodology : GEL CENTRIFUGATION - Performed : Mon-Sat - Reported : 1 days			
	Specimen Type	Collection Container/Tube	Specimen Volume	Transport
	Whole Blood (EDTA) (TM)	Lavender (EDTA)	2mL	2-8°C
	Additional Information ◀			
Clinical Information ▼				
<p>It is performed to determine clinically important antigens (C-c-E-e) of the Rh blood group system other than D and the K antigen from the Kell system. It plays an important role in blood transfusions and in the evaluation of the risk of blood incompatibility between the mother and the fetus during pregnancy.</p>				

15	Newborn Blood Grouping + Coombs, Direct			
	Test Code : 8690004 - Laboratory Services			
	Methodology : GEL CENTRIFUGATION - Performed : Every day - Reported : 2 hours			
	Specimen Type	Collection Container/Tube	Specimen Volume	Transport
	Whole Blood (EDTA) (TM)	Lavender (EDTA)	2mL	2-8°C
	Additional Information ◀			
Clinical Information ▼				
<p>ABO and RhD antigens are tested to determine the newborn blood group. Direct Coombs test is also performed to determine the risk of Fetal and Neonatal Hemolytic Disease (HDFN).</p>				

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Weak D

Test Code : **8690007** - Laboratory ServicesMethodology : **GEL CENTRIFUGATION** - Performed : **Every day** - Reported : **2 hours**

Specimen Type	Collection Container/Tube	Specimen Volume	Transport
Whole Blood (EDTA) (TM)	Lavender (EDTA)	2mL	2-8°C
Whole Blood	Lavender (EDTA)		

Additional Information

Clinical Information

It is a mandatory test that must be performed on "RhD NEGATIVE" blood donors. It is used to detect RhD variations. When the weak D test is detected as positive, the donor is considered "RhD POSITIVE" and the patient (recipient) is considered "RhD NEGATIVE".

Related Tests

Blood Group (ABO) + Reverse Grouping

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Voltage-Gated Calcium Channel Autoantibodies (P/Q type VGCC) (RIA)

Test Code : **8351905** - Laboratory ServicesMethodology : **RIA** - Performed : **Tue 08:00** - Reported : **2 weeks**

Specimen Type	Collection Container/Tube	Specimen Volume	Transport
Serum	Separator Tube	2mL	2-8°C

21

CD4/CD8 Ratio, Peripheral Blood

Test Code : **8925680** - Laboratory ServicesMethod : **FLOW CYTOMETRY** - Performed : **Mon-Sat 08:00** - Reported : **3 days**

Sample Name	Collection Container/Tube	Specimen Volume	Transfer
Whole Blood (EDTA)	Lavender (EDTA)	5mL	18-24°C

22	CD4/CD8 Ratio, Bone Marrow Test Code : 8925681 - Laboratory Services			
	Method : FLOW CYTOMETRY - Performed : Mon-Sat 08:00 - Reported : 3 days			
	Sample Name	Collection Container/Tube	Specimen Volume	Transfer
	Bone Marrow	Lavender (EDTA)	5mL	18-24°C

23	CD4/CD8 Ratio, Biologic Fluid Test Code : 8925682 - Laboratory Services			
	Method : FLOW CYTOMETRY - Performed : Mon-Sat 08:00 - Reported : 3 days			
	Sample Name	Collection Container/Tube	Specimen Volume	Transfer
	Biologic Fluid	Lavender (EDTA)	5mL	18-24°C

24	NK Panel, Peripheral Blood Test Code : 8925683 - Laboratory Services			
	Method : FLOW CYTOMETRY - Performed : Mon-Sat 08:00 - Reported : 3 days			
	Sample Name	Collection Container/Tube	Specimen Volume	Transfer
	Whole Blood (EDTA)	Lavender (EDTA)	5mL	18-24°C

25	NK Panel, Bone Marrow Test Code : 8925684 - Laboratory Services			
	Method : FLOW CYTOMETRY - Performed : Mon-Sat 08:00 - Reported : 3 days			
	Sample Name	Collection Container/Tube	Specimen Volume	Transfer
	Bone Marrow	Lavender (EDTA)	5mL	18-24°C

26	NK Panel, Biologic Fluid Test Code : 8925685 - Laboratory Services			
	Method : FLOW CYTOMETRY - Performed : Mon-Sat 08:00 - Reported : 3 days			
	Sample Name	Collection Container/Tube	Specimen Volume	Transfer
	Biologic Fluid	Lavender (EDTA)	5mL	18-24°C

27	Lymphocyte Subsets, Peripheral Blood Test Code : 8925686 - Laboratory Services			
	Method : FLOW CYTOMETRY - Performed : Mon-Sat 08:00 - Reported : 3 days			
	Sample Name	Collection Container/Tube	Specimen Volume	Transfer
	Whole Blood (EDTA)	Lavender (EDTA)	5mL	18-24°C

28	Lymphocyte Subsets, Bone Marrow Test Code : 8925687 - Laboratory Services			
	Method : FLOW CYTOMETRY - Performed : Mon-Sat 08:00 - Reported : 3 days			
	Sample Name	Collection Container/Tube	Specimen Volume	Transfer
	Bone Marrow	Lavender (EDTA)	5mL	18-24°C

29	Lymphocyte Subsets, Biologic Fluid Test Code : 8925688 - Laboratory Services			
	Method : FLOW CYTOMETRY - Performed : Mon-Sat 08:00 - Reported : 3 days			
	Sample Name	Collection Container/Tube	Specimen Volume	Transfer
	Biologic Fluid	Lavender (EDTA)	5mL	18-24°C