
Overview**Useful For**

Additional proof of alloantibody specificity

Assessment of solid organ transplantation donor compatibility

This test is **not useful** for the purpose of establishing paternity.

Method Name

Hemagglutination

NY State Available

Yes

Specimen**Specimen Type**

Whole Blood EDTA

Shipping Instructions

Specimen must arrive within 7 days of collection

Specimen Required

Container/Tube: Pink top (EDTA)

Specimen Volume: 6 mL

Pediatric Volume: 2 mL blood in 6 mL pink-top (EDTA) tube

Collection Instructions: Send whole blood specimen in original tube. **Do not aliquot.**

Reject Due To

Gross hemolysis OK

Specimen Minimum Volume

See Specimen Required

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Whole Blood EDTA	Refrigerated (preferred)	7 days	
	Ambient		

Clinical & Interpretive**Clinical Information**

The presence or absence of a cellular antigen is an inherited trait. As a general rule, individuals will not make antibody directed against an antigen present on their own red blood cells.

Reference Values

Reported as Negative or Positive

Interpretation

[A1 antigen type will be resulted as "pos" indicating that the antigen is present, or by "neg" indicating that the antigen is absent.](#)

Cautions

No significant cautionary statements

Clinical Reference

Fung MK, Eder AF, Spitalnik SL, Westhoff CM: Technical Manual. 19th ed. AABB; 2017

Performance**Method Description**

Agglutination of red blood cells with an antiserum represents the presence of the corresponding antigen in the red blood cells. (MK, Eder AF, Spitalnik SL, Westhoff CM: Technical Manual. 19th ed. AABB; 2017)

PDF Report

No

Specimen Retention Time

14 days

Performing Laboratory Location

Rochester

Fees & Codes**Test Classification**

This test has been cleared, approved, or is exempt by the US Food and Drug Administration and is used per manufacturer's instructions. Performance characteristics were verified by Mayo Clinic in a manner consistent with CLIA requirements.

CPT Code Information

86905

LOINC® Information

Test ID	Test Order Name	Order LOINC Value
A1R	A1 antigen subtype	844-1

Result ID	Reporting Name	LOINC®
A1R	A1 antigen subtype	844-1