

Patient ID 321	Patient Name IMPLEMENTATION, TEST T	Birth Date 1973-05-01	Sex F	Age 52
Order Number X100513993	Client Order Number X100513993	Ordering Physician UNKNOWN, PROVIDER	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 09 Nov 2025 09:00		

Chimerism Transplant Sorted Cells

Specimen Type

MCR

Blood

Final Diagnosis

1 MCR

Cell Type	T-cell	Myeloid cell
Donor	70%	100%
Recipient	30%	0%

Blood, chimerism analysis:

CD3-positive T-cells: The CD3-positive fraction contains approximately 70% donor DNA and approximately 30% recipient DNA.

CD33-positive myeloid cells: The CD33-positive fraction contains approximately 100% donor DNA and approximately 0% recipient DNA.

3 informative loci were used in the analysis of this sample.

Signing Pathologist: LAUREN SCHULTZ

The pre-analytical cell sorting was performed on a research basis only. The analytical sensitivity of this assay is approximately 5% in a posttransplant specimen (donor and recipient DNA mixed chimerism). T-cells and myeloid cells were enriched to a purity of 95% or greater.

Markers analyzed: D3S1358, D8S1179, FGA, SE33, vWA, D21S11, D22S1045, D10S1248, D16S539, D18S51, D5S818, D1S1656, CSF1PO, D2S441, D13S317, D12S391, TPOX, D19S433, D7S820 and D2S1338

ADDITIONAL INFORMATION

Method summary - Chimerism: Genomic DNA was extracted and the specimen evaluated for the percentages of donor and recipient DNA using a PCR-based method that amplifies several highly polymorphic short tandem repeats (see Mayo Clinic Laboratories Interpretive Handbook for method details).

Received: 17 Nov 2025 12:29

Reported: 17 Nov 2025 12:39

Laboratory Notes

- 1 This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	Nikola Baumann Ph.D.	24D0404292