ARUP LABORATORIES
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Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB	12/26/1985
Gender:	Male
Patient Identifiers:	01234567890ABCD, 012345
Visit Number (FIN):	01234567890ABCD
Collection Date:	00/00/0000 00:00

CD4+ T-Cell Recent Thymic Emigrants (RTEs)

ARUP test code 2010179

% CD4+CD31+CD45RA+ (RTEs)	36 % of CD4+	(Ref Interval: 6-51)
Abs CD4+CD31+CD45RA+ (RTEs)	231 cells/uL	(Ref Interval: 51-609)

INTERPRETIVE DATA: CD4+ T-Cell Recent Thymic Emigrants

Recent thymic emigrants (RTEs) CD4+CD45RA+CD31+ represent naive T-cells recently migrated from the thymus and are measured as a percent of CD4+ T-cells. A decrease or absence of RTEs is associated with a decrease or loss of thymic output in children, as seen in severe combined immunodeficiency (SCID), DiGeorge syndrome and other cellular immune deficiency disorders. RTE results should be interpreted with caution in adults due to age-related decline in thymic function. RTE assessment may also be used to evaluate immune reconstitution after hematopoietic cell transplant, post chemotherapy and in HIV patients undergoing highly active antiviral therapy (HAART). Serial measurement is recommended.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
% CD4+CD31+CD45RA+ (RTEs)	25-009-402441	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Abs CD4+CD31+CD45RA+ (RTEs)	25-009-402441	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical