

Reporting Title: CD4 RTE, Flow Cytometry
Performing Location: Mayo Clinic Laboratories - Rochester Superior Drive

Shipping Instructions:
Testing is performed Monday through Friday. Specimens not received by 4 p.m. (CST) on Friday may be canceled.

Samples arriving on the weekend and observed holidays may be canceled.

Collect and package specimen as close to shipping time as possible. Ship specimen overnight in an Ambient Shipping Box-Critical Specimens Only (T668) following the instructions in the box.

It is recommended that specimens arrive within 24 hours of collection.

Necessary Information:
Ordering healthcare professional name and phone number are required.

Specimen Requirements:
Supplies: Ambient Shipping Box-Critical Specimens Only (T668)
Container/Tube: Lavender top (EDTA)
Specimen Volume: 3 mL
Collection Instructions: Send whole blood specimen in original tube. Do not aliquot.

Specimen Type	Temperature	Time	Special Container
Whole Blood EDTA	Ambient	48 hours	PURPLE OR PINK TOP/EDTA

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
29535	CD4 RTE Absolute	Alphanumeric	cells/mcL	24467-3
89504	CD4 Absolute (cells/uL)	Alphanumeric	cells/mcL	24467-3
29536	CD4 RTE %	Alphanumeric	% CD4 T cells	8123-2
29178	Interpretation	Alphanumeric		69052-9

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:
No

CPT Code Information:
86356

Reference Values:
CD4 Absolute
Males

1 month-17 years: 153-1745 cells/mcL

18-70 years: 290-1,175 cells/mcL

Reference values have not been established for patients that are younger than 30 days of age.

Reference values have not been established for patients that are older than 70 years of age.

Females

1 month-17 years: 582-1630 cells/mcL

18-70 years: 457-1,766 cells/mcL

Reference values have not been established for patients that are younger than 30 days of age.

Reference values have not been established for patients that are older than 70 years of age.

CD4 RTE %

Males

1 month-17 years: 19.4-60.9%

18-25 years: 6.4-51.0%

26-55 years: 6.4-41.7%

> or =56 years: 6.4-27.7%

Reference values have not been established for patients that are younger than 30 days of age.

Reference values have not been established for patients that are older than 70 years of age.

Females

1 month-17 years: 25.8-68.0%

18-25 years: 6.4-51.0%

26-55 years: 6.4-41.7%

> or =56 years: 6.4-27.7%

Reference values have not been established for patients that are younger than 30 days of age.

Reference values have not been established for patients that are older than 70 years of age.

CD4 RTE Absolute

Males

1 month-17 years: 50.0-926.0 cells/mcL

18-70 years: 42.0-399.0 cells/mcL

Reference values have not been established for patients that are younger than 30 days of age.

Reference values have not been established for patients that are older than 70 years of age.

Females

1 month-17 years: 170.0-1007.0 cells/mcL

18-70 years: 42.0-832.0 cells/mcL

Reference values have not been established for patients that are younger than 30 days of age.

Reference values have not been established for patients that are older than 70 years of age.