

INDICATION

Used to assess absolute lymphocyte count and provides prediction of CD4 count

INTERPRETATION

ALC	PREDICTED CD4 COUNT
<1000 cells/mm ³	<200 cells/mm ³
1000-2000 cells/mm ³	<i>Unable to predict</i>
>2000 cells/mm ³	>200 cells/mm ³

CALCULATION

$$\text{ALC} = \text{WBC} \times 10^9 \text{ cells/L} \times \% \text{ lymphocytes}$$