



T-Cell Subsets

Synonyms	CD4, T-cell count
Clinical Indication	Test used for monitoring the treatment of known positive HIV patients. Do not use this test as a surrogate marker for HIV.
Part of Profile / See Also	CD3, CD4, CD8. A full blood count must also be requested at the same time.
Request Form	Combined Pathology manual Blood form or ICE request
Availability / Frequency of Analysis	This test is referred to The Royal London – part of Barts Health Immunology – UKAS accreditation number 8285
Turnaround Time	Two working days
Patient Preparation	None required
Sample Requirements	
Specimen Type	Whole blood (EDTA)
Volume	1 x 3 or 4 ml
Container	 Two purple top (EDTA) tubes.  Paediatric Lavender top (EDTA) tube
	Samples should be transported to laboratory immediately.
Reference Range & Units	Units are percentages and absolute count (cells per microliter).
Interferences	Prolonged storage.
Interpretation & Clinical Decision Value (if applicable)	The counting of CD4+ and CD8+ populations of T cells is to monitor the progress of individuals infected with the Human Immunodeficiency Virus (HIV). CD4 counts will be telephoned only if the absolute CD4 count is less than 100 and the patient has no previous history.
References	WHO guidelines on CD4 enumeration
Test code	CD4
Lab Handling	Samples should be kept at ambient temperature prior to testing.

