

1 Immune system and CD4 count

Questions

1. What does AIDS stand for?
2. What is a CD4 T cell?
3. What is a CD8 T cell?
4. What is the normal CD4 count for an HIV-negative adult?
5. Give another name for a CD4 and for a CD8 cell
6. What is a CD4% and when is it used?
7. What is the difference between cellular and humoral immunity? Which kind of immunity does the body use to fight HIV?
8. What is a surrogate marker?
9. When should you have a CD4 count done? Describe at least two circumstances.
10. At what CD4 count is it recommended you start HIV treatment?
11. Describe what happens to your CD4 count:
 - at the time of HIV infection
 - in early infection
 - in long-term infection
12. Draw a graph to show what happens to your CD4 count from the time of infection until the time you need to start treatment.
13. List opportunistic infections that are more likely when your CD4 count falls below:
 - 300
 - 200
 - 100
 - 50
14. What is the main difference between CD4 counts for adults and children?
15. What is an antigen?
16. What is an antibody?