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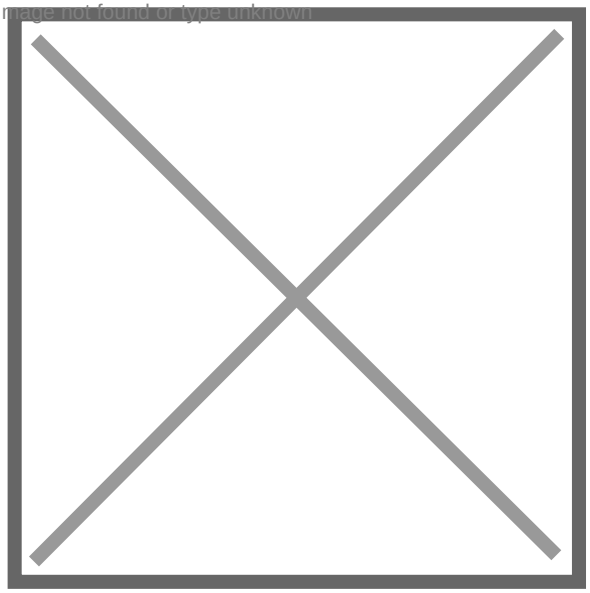
Product Name :

AIDS Virus Chart

Product Code :

SCL483/0209

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Description :

The AIDS Virus Chart is a laminated wall chart for teaching the structure of HIV, the virus that causes AIDS, and how it weakens the immune system. Printed on 75 x 100 cm polyart, it gives school biology and health education classes a calm, factual reference for a sensitive topic.

AIDS Virus Chart size and material

Parameter	Detail
Type	Chart
Topic	AIDS virus (HIV)
Material	Polyart
Size	75 x 100 cm
Finish	Laminated
Used in	Schools and laboratories
Product code	SCL483/0209
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Manufacturer	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Lessons on viruses and immunity with the chart

Labelling the virus particle. Students copy the virus outline from the chart and label each part it shows. The teacher ties the labels to the textbook model of HIV: an outer envelope taken from the host cell membrane and studded with glycoprotein spikes, around a protein capsid that holds the RNA and the enzyme reverse transcriptase.

Comparing two kinds of virus. Hang the chart beside the Bacteriophage (T4) chart and pass round the Bacteriophage T4 Model. Students draw up a table of the host each virus attacks, the genetic material it carries, and whether it has an envelope or a tail.

Linking the virus to white blood cells. Under a microscope, a Human Blood Smear slide shows the white cells of the immune system among the far more numerous red cells. Students pick out lymphocytes by their large, round nucleus, and the class discusses why losing one type of lymphocyte weakens the whole immune response.

Simulated testing activity. The HIV/AIDS Testing Kit, Simulated can follow, using simulated blood and reagents to show how an antibody test works in principle. No real

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