

# Broad spectrum viral molecular drug

## Abstract

When Virus first enters the human body or human blood stream the virus start circulates throughout the body. The protective surface of virus is study with particular protein called receptor and lipid membrane envelop inside the capsid that contain a genetic material and viral enzyme. Protein on the virus is only able to bind with a cell surface called cell receptor. From the given Diagram viruses Receptor attached with Lipid envelopes. The discovery of structure of the any viruses mainly lipase has made the identification of its inhibitors. Lipase which breaks down lipid envelope of virus which in return stops its replication and outbreak.

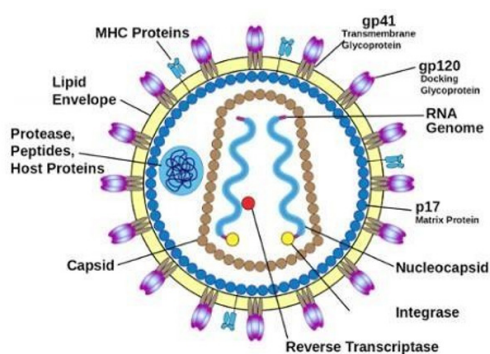
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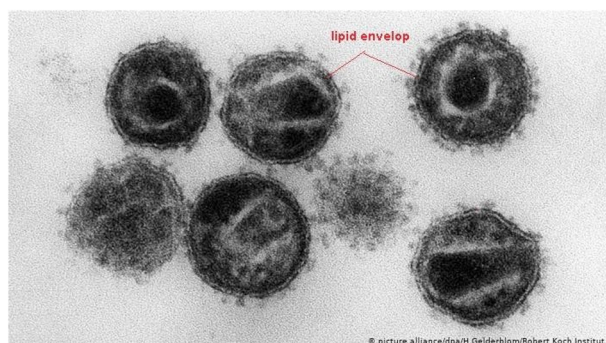
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Structure of an HIV-1 virion

<https://smhs.gwu.edu/lynch-lab/research-interests>



<https://www.dw.com/en/hiv-drugs-stop-sexual-transmission-of-aids-virus-say-doctors/a-48588767>

## Resource requirement for experiment

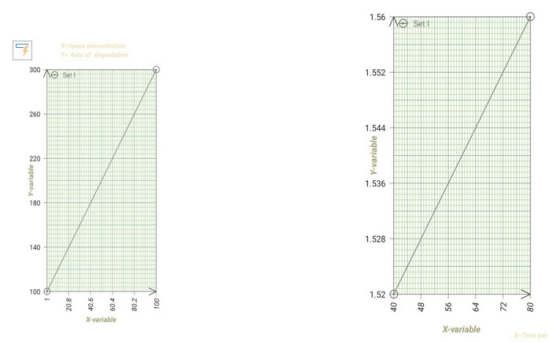
- I. Centrifuge machine
- II. Incubator
- III. Lipase enzyme with all reagents
- IV. Micropipette
- V. Dead strain of virus
- VI. Centrifuge tubes
- VII. Micro centrifuge tube spectrophotometer.

## Advantages of lipase enzyme

- I. Easily available
- II. Cost affective
- III. Control pandemic situation
- IV. Easily synthesized
- V. Fast viral destruction Inhibitor.

## Result

Preliminary analytical characterization of an easy, fast, and cost-effective spectrophotometric technique for determination of lipase activity is provided on this work. It is based on the spectrophotometric monitoring of the lipolysis of broad spectrum of viruses.



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None.

## Conflicts of interest

There are no financial conflicts of interest.

## Funding

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## References

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