

MOLECULAR VIROLOGY WORK DONE BY Dr.Prakash FOR HIS RESEARCH IN HIV

1.The HIV-1 Proviral DNA PCR is performed in three places.

1. The Reliance Life Science laboratory, Mumbai.
2. National HIV Repository Center, Bangkok.
3. Naval Institute of Molecular Research, Namakkal

In National HIV repository Center Dr.Prakash has performed HIV-1 Proviral DNA by PCR. The same test was carried out in Naval Institute of Molecular Research, Namakkal by Dr.Prakash

2.The HIV-1 (RTPCR) is performed in three places.

4. The Reliance Life Science laboratory, Mumbai.
5. National HIV Repository Center, Bangkok.
6. Naval Institute of Molecular Research, Namakkal.

In National HIV repository Center Dr.Prakash has performed HIV-1 RT- PCR with Cobas amplicor and realtime PCR. The same test was carried out in Naval Institute of Molecular Research, Namakkal by Dr.Prakash. The results were compared each other.

3.The Estimation of interferon gamma was done by Dr.Prakash in Naval Institute of Molecular Research, Namakkal

4.Estimation of P24 assay was done by Dr.Prakash in NHRC and NIMR.

5.The PBMC HIV-1 co-culture was done in NHRC by Dr.Prakash.

The author has started performing the tests only after got training and experience towards attaining the accuracy of the tests.

Below are the some of the photographs of Dr.Prakash when carry out the assays in abroad.



Roche Cobas amplicor in which Viral load was performed by Dr.Prakash in NHRBC (National HIV Repository And Bioinformatic Center) Thailand.



The Real Time PCR employed by Dr.Prakash for viral load assay at NHRBC.



PCR Machine employed by Dr.Prakash for his PCRwork



Author at PCR works at NHRBC



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Performing of HIV-1 Culture and HIV-1 Co-culture at NHRBC.



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