

**AARAV**PID NO: P542000164471  
Age: 3.0 Year(s) Sex: Male**Reference:**Sample Collected At:  
DR VINAY KUMAR CHOPRA  
KOS Diagnostic Lab, 6349/I, Nicholson  
Road, Ambala Cantt, HRY 133001.  
Sample Processed At: Metropolis  
Healthcare Ltd E-21, B1 Mohan Co-op Ind  
Estate New Delhi-110044**VID: 54203150138452**Registered On:  
08/11/2020 03:55 PM  
Collected On:  
07/11/2020 3:55AM  
Reported On:  
08/11/2020 06:34 PM**Investigation****Tacrolimus**

(EDTA Whole Blood, CMIA)

Medical Remarks: Correlate clinically.

**Observed Value****2.2****Unit**

ng/mL

**Biological Reference Interval**

Refer Interpretation

**Interpretation :**

Kidney Transplant Recipient	
1 Month post transplant	12-15 ng/mL
2 to 3 months post transplant	10 - 12 ng/mL
4 to 6 months post transplant	05 - 10 ng/mL
>6 months in selected patients levels	<5 ng/mL, may be sufficient if graft function is stable but immunosuppression is highly variable
In Liver Transplant Recipients	05 to 20 ng/mL

- Tacrolimus results can show variations depending on following reasons–
  - Different Route of administration, Time of collection
  - Time after transplant, Type of allograft.
  - Different amount & time of dosage, Drug distribution which inturn depends on hematocrit & plasma proteins concentration.
  - Different drug company
  - Other co-morbid medical conditions, Concomitant use of immunosuppression & other drugs that inhibit (calcium channel blockers, antifungal agents, some antibiotics) or induce (anticonvulsants, rifampin) metabolism for tacrolimus.
  - Different test methodologies can yield different results, it is advisable to monitor the drug levels using the same testing method & laboratory.

**Abbreviation :**

CMIA : Chemiluminescence Microparticle Immunoassay

**-- End of Report --****Dr. Asim Israr Khan**  
M.D (Pathology)