Genotypic ARV Resistance Report

Patient Information

Our Ref. ID: VCI-21153

Name:	ปริญชนก อริยวงศ์			**Your Ref. ID:**	**P22-04194**
Hospital/Site:	PRIBTA			**Study/Visit:**	
Risk Factor:	No Information			**Collection Date:**	08-Feb-2022
Clinical Staging:	No Information	**CDC Staging:**	No Information	**Genotyping Date:**	21-Feb-2022

Lab Information

Current CD4:	No Information	**Current Antiretroviral:**	Unknown
Current VL:	950 copies/ml (08-Feb-2022)		

Summary Data

Subtype and % similarity to closest reference isolate: CRF01_AE (96.6%)

Sequence includes RT: condons: 20 - 267

Resistance Report (RT)

RT TAMs: -

RT NRTIs: -

RT NNRTIs: -

RT Other: V35T, T39K, K43E, V60I, K122E, D123S, I135R, I142V, K173A, Q174K, D177E, Q207A, R211S, F214L, K238R, V245E

Antiretroviral	High-level resistance	Intermediate resistance	Low-level resistance	Potential low-level resistance	Susceptible
NRTI					
zidovudine (AZT)					
tenofovir (TDF)					
stavudine (D4T)					
lamivudine (3TC)					
emtricitabine (FTC)					
didanosine (DDI)					
abacavir (ABC)					
NNRTI					
rilpivirine (RPV)					
nevirapine (NVP)					
etravirine (ETR)					
efavirenz (EFV)					
doravirine (DOR)					

ConsensusR#21153RT.txt

Remark: 1. Although the mutation is not found, it does not mean that one is fully susceptible to the treatment since the resistant virus may be minor population which cannot be detected by the assay (detectable limit = viral load 1,000 copies/ml).
2. The accumulation of TAMs (M41L, D67N, K70R, L210W, T215Y/F, K219Q/E) increases resistance to tenofovir. Mutations M41L and L210W, contribute more than others
3. References: Stanford dBase system (http://hivdb.stanford.edu/)

Reported by: _____ Date: 21/2/2022

Vaccine and Cellular Immunology Laboratory
Chula MRC, Aor-Por-Ror Building, 10th Floor, Rm 1010/5, Faculty of Medicine,
Chulalongkorn University, Bangkok 10330 THAILAND
Tel: 0 2 256 4000 ext 3563, 0 2256 4579 Fax: 0 2652 3100
Email: ssunee@chula.ac.th, mekprasan@gmail.com

Genotypic ARV Resistance Report

Patient Information

Our Ref. ID: VCI-21153

Name:	ปริญชนก อริยวงศ์			**Your Ref. ID:**	**P22-04194**
Hospital/Site:	PRIBTA			**Study/Visit:**	
Risk Factor:	No Information			**Collection Date:**	08-Feb-2022
Clinical Staging:	No Information	**CDC Staging:**	No Information	**Genotyping Date:**	21-Feb-2022

RT Comments

Other ● K238R is a common polymorphism that does not reduce NNRTI susceptibility.

Vaccine and Cellular Immunology Laboratory
Chula MRC, Aor-Por-Ror Building, 10th Floor, Rm 1010/5, Faculty of Medicine,
Chulalongkorn University, Bangkok 10330 THAILAND
Tel: 0 2 256 4000 ext 3563, 0 2256 4579 Fax: 0 2652 3100
Email: ssunee@chula.ac.th, mekprasan@gmail.com