NAVY HIV-1/O/2 TESTING ALGORITHM

HIV-1/O/2 SCREEN → NR → **NEGATIVE (HIV-1 & HIV-2)**

↓

R

(REPEAT SCREEN X 2) → NR/NR → **NEGATIVE (HIV-1 & HIV-2)**

R/R   R/NR

HIV-1 WESTERN BLOT → R → **POSITIVE[1] (HIV-1)**

IND   NEG

[2]HIV-2 AB SCREEN

REFER SERVICE MEMBER TO NEAREST HIV EVALUATION & TREATMENT UNIT (HETU)

OBTAIN & TEST VERIFICATION SAMPLE

R   NR → **NEGATIVE (HIV-1 & HIV-2)**

REPEAT SCREEN X 2

POSITIVE
DIAGNOIS ESTABLISHED

NEGATIVE

NR/R or R/R   NR/NR → **HIV-1 IND/HIV-2 NEGATIVE**
[2] *IND RESULT RESOLVED – NEG OR POS*
(CURRENTLY USING APTIMA)

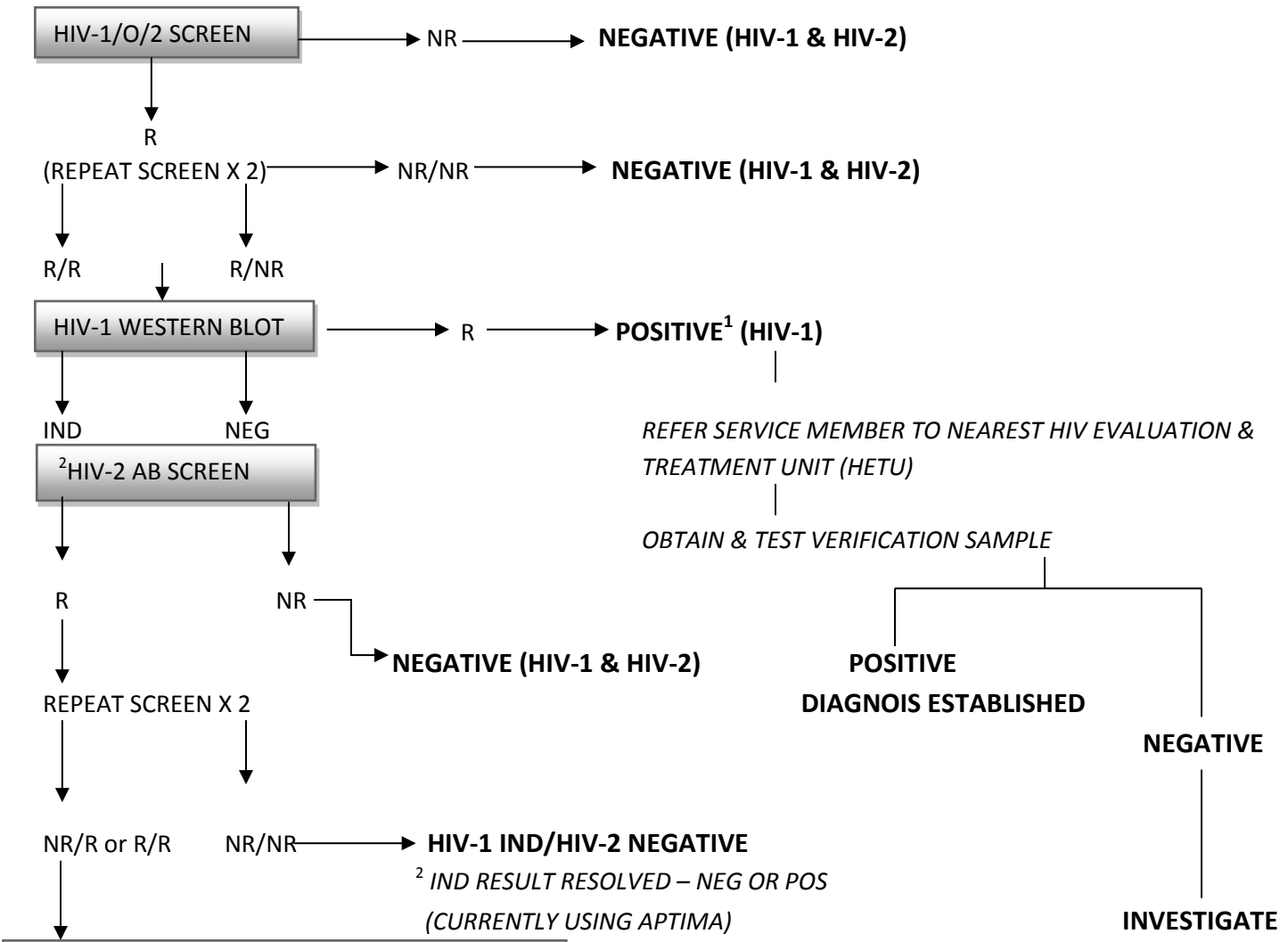**INVESTIGATE**

Contractor will report all repeat reactive HIV-2 screening as D-4 Test Not Performed (TNP)

[2]Per PWS (C.4.3.1.3), request for selected sample aliquots will be sent to HDRL for Multispot and/or Aptima.

[1]Follow NBIMC initial positive notification process

WESTERN BLOT INTERPRETATIONS:
NR = Non reactive (no bands present)
R = Reactive (2 or more bands with intensity 1+ or greater of – p24, gp41, gp120 or gp160)
IND = Indeterminate (any single band or combination of bands that do not meet reactive criteria)