

MRC/UVRI GPC ROUND26: LABORATORY FORM

LABORATORY REFERENCE NO: LABREF
Participant's ID Number: (*put sticker*) IDNO

Sex: (Male=1, Female=2) SEX Date of Birth: DOB
(DD /MMM/ YYYY)

Visit type (Survey visit=1, Clinic visit=2): VISIT

Specimen collection

Date: XDATE Time (24 hours): : XTIME
(DD /MMM/ YYYY) (HR: MIN)

Blood sample obtained (1=yes, 2=No): BLED by (put interviewer code): XCODE

Urine sample obtained (1=yes, 2=No): COL by (put interviewer code): XCODE1

Laboratory tests required

	Request (1=Yes, 2=No)	Vacutainer top (P=Purple, Y=yellow)
HIV rapid tests:	<input type="checkbox"/> RAPID	<input type="checkbox"/> RAPIDVAC
• Determine		
• Statpak		
• SD Bioline		
HIV ELISA test:	<input type="checkbox"/> EIA	<input type="checkbox"/> EIAVAC
HIV Western Blot test:	<input type="checkbox"/> WB	<input type="checkbox"/> WBVAC
Blood for CD4 count (CD4)	<input type="checkbox"/>	
Plasma reserved for storage:	<input type="checkbox"/> PLASMA	<input type="checkbox"/> PLASMAVAC
HB estimation	<input type="checkbox"/> HBE	
Urine for storage (<i>Girls 16-21years</i>)	<input type="checkbox"/> SLIVAST	

Tests requested by (put interviewer code):

|_|_| REQCODE

Clinic Comments: _

LAB ONLY

Comments:

PLEASE TURN OVER FOR RESULTS

MRC/UVRI SURVEY ROUND26 LABORATORY RESULTS FORM

LABORATORY IDENTIFICATION NO: (*put sticker*) |__|__|__|__|__|__|__|__| LABNO

Participant's ID Number: (*put sticker*) |__|__|__|__|__|__|__|__| IDNO

Phlebotomist (bleeder's) code (put technician code): |__|__| PCODE

Code of person testing, if different from phlebotomist (put technician code): |__|__| TCODE

A. Field laboratory HIV results

Enter the correct code in the boxes provided

Test result

Date test done

(1=positive, 2=negative, 3=Indeterminate,
4=not done, 8=sent for confirmation)

1. HIV Rapid tests

a. HIV rapid test 1 (Determine) |__| RHIVT1 |__|__|__|__|__|__|__|__| DATER1
(DD /MMM/ YYYY)

If RHIVT1=2, report HIV result in 4

b. HIV rapid test 2 (Statpak) |__| CRHIVT2|__|__|__|__|__|__|__|__| DATER2
(DD /MMM/ YYYY)

If CRHIVT1=1 and RHIVT1=1, check previous surveys' HIV results and:

- if 1, report result in 4,
- If not 1 or missing, skip to 2 and enter code 8 for ELISA.

If CRHIVT2 ≠1 and RHIVT1=1, move to c (HIV rapid 3)

c. HIV rapid test 3 (SD Bioline) |__| CRHIVT3|__|__|__|__|__|__|__|__| DATER3
(DD /MMM/ YYYY)

If CRHIVT3=1 and RHIVT1=1, check previous surveys' HIV results, and:

- if 1, report result in 4,
- If not 1 or missing, enter code 8 for ELISA

If CRHIVT2≠1 and CRHIVT3≠1, enter code 8 in ELISA, and send sample to Masaka/Entebbe labs for further confirmation. Enter ELISA results when received from Masaka/Entebbe labs

2. HIV ELISA tests |__| ELISA |__|__|__|__|__|__|__|__|

DATESA

(DD /MMM/ YYYY)

Enter WBLOT results if ELISA did not conclude HIV testing in Masaka/Entebbe labs.

3. HIV Western Blot results |__| WBLOT |__| |__| |__| |__| |__| |__| DATEWB
(DD /MMM/ YYYY)

Enter (or UMPC to compute) final HIV result

4. Final HIV result |__| FHIV |__| |__| |__| |__| |__| |__| DATEFV
(DD /MMM/ YYYY)

5. CD4 COUNT |__| CD4 |__| |__| |__| |__| |__| |__| DATE
(DD /MMM/ YYYY)

B. Field Hemoglobin result

HB result |__| |__| . |__| HB |__| |__| |__| |__| |__| |__| DATEHB
(DD /MMM/ YYYY)

Interpretation of results when all the 3 rapid tests are done in series:

- If CRHIVT2=2, CRHIVT1=2 and RHIVT1=1, final result is 2, but enter code 8 and send sample to Masaka/Entebbe Labs for further confirmation
- If CRHIVT2=1, CRHIVT1=2 and RHIVT1=1, final result is 1, enter code 8 and send sample to Masaka/Entebbe labs.

Notes on HIV testing algorithm:

- When RHIVT1 =2, final HIV result =2, declare result to client as negative
- Only perform confirmatory test 1 (CRHIVT2) if RHIVT1 = 1, 3, or 4
- Only perform confirmatory test 2 (CRHIVT3) if RHIVT1 does not agree with CRHIVT1
- If (RHIVT1=1and CRHIVT2=1) or (RHIVT1=1 and CRHIVT2#1 and CRHIVT3=1), check if ELISA from previous surveys is also =1 and declare result as positive to client If no or missing, give a provisional result as positive (client will be told sample is taken for further testing and results will be communicated if different from rapid test) . Send sample to Masaka/Entebbe for further confirmation and enter code 8 for ELISA.
- If RHIVT1=1, CRHIVT2=2, CRHIVT3=2, declare provisional result as negative (client will be told sample is taken for confirmation, and result will be communicated if contrary to rapid test result). Send sample to Masaka/Entebbe labs for confirmation and enter code 8 for ELISA

Briefly, for 3 rapid tests:

2 – Negative

1 2 1 – Positive

1 2 2 – Negative

1 1 – Positive

Last 3, check previous res