MRC/UVRI GPC ROUND25: 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

Saliva 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:	|__| RAPID	|__| RAPIDVAC
• Determine		
• Statpak		
• Unigold		
HIV ELISA test:	|__| EIA	|__| EIAVAC
HIV Western Blot test:	|__| WB	|__| WBVAC
Blood for CD4 count (CD4)	|__|	
Plasma reserved for storage:	|__| PLASMA	|__| PLASMAVAC
Rapid Malaria test:	|__| MP	|__| MPVAC
HB estimation (for children)	|__| HBE	
HBA1c (for children)	|__| HBA	
Saliva for storage (for children)	|__| SLIVAST	
Lipid profile (for children)	|__| LIP	|__|LIYVAC
Others, specify_____ OTSP		|__| OTSPVAC

Tests requested by (put interviewer code): |__|__| REQCODE

> **Clinic Comments:** _
> _____
> _____

LAB ONLY

Comments:

_____
_____-----

PLEASE TURN OVER FOR RESULTS

LAB ONLY

MRC/UVRI SURVEY ROUND25 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 (Unigold) |__| 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 (children <13 years)

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

C   HBAIc result |__|% |__|__| |__|__|__| |__|__|__|__| DATEHBA
                                                    (DD   /MMM/   YYYY)

D   **Field Malaria RDT result**

     |__|Positive |__|Negative

     If Positive |__|P. Falciparum, |__|other or Both|__|

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 2 – Negative

1 1 – Positive

1 2 1 – Positive

Last 3, check previous results