**Serosurvey Adult Questionnaire**

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| MODULE : Adult (18+ years) Questionnaire (AQ) |
| *This questionnaire is to be administered to adults aged > 18 years who were selected for the survey.*  |
| 1b. Interviewer Code\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_1c. Date of interview (dd-mm-yyyy) \_\_ \_\_ - \_\_ \_\_ - \_\_ \_\_ \_\_ \_\_ |
| 2a. Household ID | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 2b. Participant ID | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| *Do not read:*3a. Did selected participant consent to participate in the study? | Yes …………………………………………………01No, refused due to blood collection …………….02 No, refused due to other reason ………………..03Participant lives in household but not available..04Participant does not live in household (moved, died)……………………………....05Other, specify………………………………….… 08 (go to 3b)3b. Specify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | *If response is 01, then continue with survey. If response is 02-08, do not collect any more data. Stop interview, thank household, and leave.* |
| 3c. Did selected participant consent for rapid HIV testing? | Yes ……………………….……………………………01No ……………………………………….…………….02 (skip 15-19)No, shows documentation of HIV diagnosis  ……………………....03 (skip 15-19) |
| 3d. Did selected participant consent for rapid malaria testing? | Yes ……………………………………..……………01No ..………………………………….…………..….02 (skip 13 & 14)No, does not have symptoms of malaria …………………………………….……..03 (skip 13 & 14) |
| ***Verification that correct person has been identified.*** *Ask questions below and compare with data from random selection list:* | Participant response: | Does response match with data from random selection list? |
| Full name of participant | 4a. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 4b.yes…...1 No……0 🡪 STOP AND VERIFY DISCREPANCY |
| Sex of participant | 5a. Male…………….01Female…………02 | 5b.yes..….1 No……0 🡪 STOP AND VERIFY DISCREPANCY |
| 6a. Do you know your date of birth?  | Yes………………01 No……………….02 (go to Q6d) |  |
| Date of birth of participant*If day unknown, enter 15 in DD (example: 15-10-1978 indicates person born October 1978)**If day and month unknown, go to 6d and just enter age*  | 6b.\_\_ \_\_ / \_\_ \_\_ / \_\_ \_\_ \_\_ \_\_D D M M Y Y Y Y | 6c.yes..….1 (go to Q7)No……0🡪 STOP AND VERIFY DISCREPANCY  |
| 6d. If date of birth is not known, how old are you? | Age (in completed years) \_\_ \_\_ \_\_ |
| 6e. Do not read: Does the age fall within the age category for which selected? | Calculate automatically if the age is within the correct age category (based on participant ID)Yes……..1No…….2🡪Stop and verify discrepancyIf not in the correct age group, thank the participant and end interview. |
| 7. What is the highest level of school you attended? | Pre-school (01-02-03)……………………………..0Literacy class (Year: 01-02-03)…………………..1Primary EP1 (Grade: 01-05)………………………..2Primary EP2 (Grade: 06-07)…………………………3Secondary ESG1 (Grade: 08-10)……………………4Secondary ESG2 (Grade:11-12)…………………….5Elementary Technical (Year: 01-03)……………..6Basic Technical (Year: 01-03) ……………………….7Mid-Level Technical (Year: 01-03)………………...8Teacher Training (Year: 01-03)……………………..9Higher (Year: 01-07)……………………………………..10Don’t know/refused to answer……………………..88 |
| 8. What is your occupation? | Unemployed (not at work) ............. 01Employed (at work) ........................ 02Homemaker ..................................... 03Pensioner.......................................... 04Student.............................................. 05Other, specify..................................... 06 8b. specify\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Don’t know/refused to answer............... 88 |

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| **Questions on malaria and HIV**  |
| 9. Did you sleep under a mosquito net last night? | Yes………..01No…………02 (go to Q11a)Refuse to answer…………99 (go to Q11a)Don’t know………………88 (go to Q11a) |
| 10. Ask the respondent to show you the net that they slept under the night before the interview.  | Observed……01Not observed…….02 |
| 11a. Have you ever been tested for HIV? | Yes………..01 No…………02 (go to Q12)Refuse to answer…………99 (go to Q12)Don’t know………………88 (go to Q12) |
| 11b. If yes, what was the result of the most recent test? | Positive…….01 Negative……..02 (go to Q13)Refuse to answer…………99 (go to Q13) Don’t know………………88 (go to Q13) |
| 12. Are you currently taking medication to treat HIV?  | Yes…….01No……..02 Refuse to answer…………99Don’t know………………88  |

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| **SPECIMEN COLLECTION AND TESTING** |
| 14. In the past two weeks, have you taken or are taking [FIRST LINE MEDICATION] given by a doctor or health center to treat the malaria? | Yes………..01 (skip Q13)No…………02 |
| 13. Malaria RDT result | Positive………...…01 Negative….………02 (go to Q15)Indeterminate…03 (go to Q15)Refused…………...04 (go to Q15)Test error / insufficient blood / unable to repeat …..05. (go to Q15) |
| Was malaria medication provided? | Yes………..01No…………02If no, why:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| *Follow procedures for malaria treatment and/or referral according to guidelines.* |
| 15. Result of HIV-1/2 Determine RDT | Reactive …………………..……………01 Non-reactive ……………..………….02 (go to Q19)Refused…………...03 (go to Q19)Test error / insufficient blood / unable to repeat …..04 (go to Q19) |
| 16. *If HIV-1/2 Determine RDT is reactive, do 2nd RDT (Unigold):*  Result of Unigold RDT | Reactive …………………………………01 (go to Q19)Non-reactive ………………………….02 Refused…………...03 (go to 19)Test error / insufficient blood / unable to repeat …..04 (go to Q19) |
| 17. *If HIV-1/2 Determine RDT is reactive and Unigold is non-reactive, repeat HIV-1/2 Determine RDT:* Result of repeat HIV-1/2 Determine RDT | Reactive …………………………………01 Non-reactive ………………………….02 (go to Q19)Refused…………...03 (go to 19)Test error / insufficient blood / unable to repeat …..04 (go to 19) |
| 18. *If repeat HIV-1/2 Determine RDT is reactive, repeat Unigold RDT:* Result of repeat Unigold RDT | Reactive …………………………………01 Non-reactive ………………………….02Refused…………...03 Test error / insufficient blood / unable to repeat …..04  |
| 19. Final combined result for HIV RDTs. *Refer to testing algorithm.* | Reactive …………………………………01 Non-reactive ………………………….02 Indeterminant ……………………….03 Refused………………………………....04Final result could not be determined (test error / insufficient sample) ……………….05  |
| *Follow procedures for HIV referrals according to guidelines.* |

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| **Dried blood spots (DBS)** |
| 20a. Was a DBS sample collected? | Yes – 01 (go to Q22)No – 02  |
| 20b. If no, specify reason | 01 – participant sick (go to Q29)02 – refused collection (go to Q29)03 – participant asked to stop (go to Q29)04 – insufficient blood / collection problem (go to Q29)99 – other (go to 20c) |
| 20c. If other reason, specify. | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (skip to Q29) |
| If yes, how was specimen collected? | Finger prick…………..01Venipuncture………..02Heel prick………………03 |
| 22. Date collected | \_\_ \_\_ / \_\_ \_\_ /\_\_ \_\_ \_\_ \_\_D D M M Y Y Y Y |
| 23. Number of spots collected on filter paper 1 | *00**01**02* *03**04**05* |
| 24. Number of spots collected on filter paper 2 | *00**01**02* *03**04**05* |
| **Liquid blood** (only collected among participants selected for serum vs DBS comparison) |
| 25. Was liquid blood sample collected? | Yes – 01 (go to Q27)No – 02 NA – 03 (go to Q29) |
| 26a. If no, specify reason | 01 – sickness (go to Q29)02 – refused collection (go to Q29)03 – participant asked to stop (go to Q29)04 - could not collect sufficient volume (go to Q29)99 – other (go to Q26b) |
| 26b. If other reason, specify. | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (go to Q29) |
| 29. Interviewer’s observations related to specimen collection: |