Fields in the Anopheles Samples sheet

Num	Field Name	Format	Units	Range of Values	Description	Mandatory	Notes
7	Specimen ID	Text			Code used by **your study** to reference the specimen	Yes	
8	Species	Text		E.g., Anopheles gambiae sensu lato, Anopheles gambiae, Anopheles coluzzii, Anopheles arabiensis	Full latin name of the species of the specimen	Yes	Note that "Anopheles gambiae" means A. gambiae S form.
9	Collection Date	DD-MMM-YYYY			Date when specimen was collected	Yes	If the day of month is not known, just provide month and year, e.g., Jun-2014. If only the year is known, just provide the year, e.g., 2014.
10	Collection Time	HH:MM		00:00 to 23:59	Time when specimen was collected	No	Use 24hr time format.
11	Collection Location	Text		Must be in column L1 of the Locations sheet.	Id of the location (village, town, clinic, etc.) where the specimen was collected (see Locations sheet)	Yes	The ID to be entered here must the id specified in column L1 of one of the locations listed the Locations sheet.
12	Collection Context	Text		E.g., Indoor, Outdoor	Type of place where the specimen was collected	No	
13	Collection Method	Text		E.g., Human landing catch, Light trap, Pyrethrum spray catch	Method used to collect the specimen	Yes	
14	Specimen Sex	Text		E.g., Male, Female, Unknown	Gender of the specimen	Yes	
15	Specimen Type	Text		E.g., Wild caught adult, Wild caught larva, Adult reared from wild caught larva, Colony adult	Type of specimen from which DNA was extracted	Yes	
16	Sample Type	Text		E.g., Extracted DNA	Physical type of sample submitted	Yes	If anything other than "Extracted DNA", contact samples@malariagen.net **before sending** to ensure the sample can be processed.
17	Sample Volume	Decimal	uL		The volume of the sample sent	Yes, if DNA extracted	
18	Date of DNA extraction	DD-MMM-YYYY			Date when the sample DNA was extracted	Yes, if DNA extracted	
19	DNA concentration	Decimal	ng/uL	>75	Concentration of the extracted DNA in the sample	Yes, if DNA extracted	
20	Total DNA	Decimal	ng		Amount of extracted DNA in the sample	Yes, if DNA extracted	
21	DNA quantification method	Text		E.g., Picogreen	Method used for DNA quantification	Yes, if DNA extracted	Picogreen preferred.
22	Notes	Text			Explanatory notes about the sample	No	

Fields in the Locations sheet

Num	Field Name	Format	Units	Range of Values	Description	Mandatory	Notes
L1	Location Id	Text			Code used to reference the location	Yes	
L2	GPS Coordinates	Latitude, Longitude			GPS coordinates encoded as: latitude,longitude (e.g. 16.593733, 98.599503)	Yes	You should be able to enter this value in the search field of Google Maps and view the location
L3	Country	Text			Country of the location	Yes	
L4	Province/State	Text			Province/state of the location	Yes	Specify a province/state name as recognized by the country's government, using standard spelling.
L5	District	Text			District of the location	Yes	Specify a district name that represents an official division recognized by the country's government, using standard spelling.
L6	Location/Village	Text			Location name (village, town, etc.)	Yes	
L7	Notes	Text			Explanatory notes about the location	No	