

Science with a Mission, Inc.
"Providing Diagnostics for the Developing World"
Apr/May/June 2014 Newsletter



Child in western Africa with a positive test for malaria: line at "C" indicates the test worked and you can trust the results; line at "1" indicates this little girl has some form of malaria; no line at "2" indicates she does not have Plasmodium falciparum (most dangerous form).

"Alyne,
Just returned from several weeks in West Africa (Guinea Conakry on the Bissau border) and The Gambia. **Lots of malaria** and the **kits worked beautifully**. We probably saw 100-200 cases of malaria--mostly in children."

Haiti

"Dear Alyne,
Thank you so much again for arranging for us to get the test kits through the foundation. In case you need some statistics: we saw approximately 311 patients--about 1/3 of those were children (age 14 or under). We had one positive Malaria test (falciparum). We tested several people who claimed to have fever and sweats who had negative tests. We taught the community health workers how to do

the Malaria tests. I left the extra HIV tests with Dr. Eugene of the Cap Haitien Health Network so that they could be used before they expire. I will attach a couple of pictures of Julie doing the tests and teaching the community health workers how to use them. [photo below]
Thanks again. Kendra"



From Rafiki

"Thank you Alynne! I will put the payment in the mail today. Your Mission is of **greatest value** to so many and you (can) rejoice in knowing this is to the **glory and honor to our Lord**. Lovingly, Elaine"

Laos

"Hello Alynne,
It has been a long time, and I don't know if you remember me, but you had sent me a shipment about a year and a half ago. A **little girl named Katie [Covenant Church] did the typhoid strips for me**, and you had asked for some pictures from Laos for her. Now that I have finally arrived and am somewhat settled, I have attached them for her.
Blessings, Amanda"



Typical home in Laos, where Amanda is serving and using our diagnostics

Haiti

"Hello Alynne,
I am writing to sincerely thank you for the rapid tests for malaria, HIV and typhoid that I recently took to Haiti. They were given to our lab tech, Madelyn, at our medical clinic called St. Anthony's clinic. The clinic is located in the northern part of Haiti called Cap Haitien. I personally have been traveling to Haiti since 2006.

Our medical group just returned from another wonderful and rewarding medical mission. We were able to see close to **800 patients**. We had the opportunity to test for malaria while I was there. Madelyn was very grateful and excited to receive the

tests from you because she had never had them at the clinic before, but always wished she had. You are **making such a difference in so many lives** and we thank you! Jennifer"



Jennifer and Madelyn with our tests.

No centrifuge

Received an E-mail from a doctor in Cameroon who needed to get plasma or serum from whole blood but did not have a centrifuge. I suggested using a battery-operated fan and attaching the vials of blood to the blades.

The response: "That's brilliant! A fan centrifuge! :) Hopefully we will have ample duct tape on our team! Would hate to try and tie a tube on a fan blade and have it fly off!!! :)"

I did not think that one up on my own. A group serving in Mexico told me they did that quite successfully. So I've been able to pass along the suggestion to others as needed. Wonderful what we can do when working together!

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