

**WHO TEST PLATES FOR *IN VITRO* ASSESSMENT OF  
ANTIMALARIAL DRUG SUSCEPTIBILITY  
Procedures and conditions for supply of test plates (May 2001)**

The WHO *in vitro* microtest plates for assessment of parasite susceptibility to antimalarial drugs are produced, from May 2001 by Vector Control Research Unit, Universiti Sains Malaysia, Penang, Malaysia. The test plates will be supplied from Universiti Sains Malaysia (USM), according to the procedures described below.

Test kits are no longer produced, as all the items included, except plates, are nowadays easily available from various laboratory suppliers. The low PABA, low folate RPMI medium, which was custom-made for the test kits in the past, is no longer required, as it was needed only for SDX/PYR and PYR tests, for which test plates are no longer produced. Users are recommended to use ordinary RPMI 1640 medium.

The only supply item, which is not readily available, is 100 µl heparinized capillary tubes. Investigators are recommended to use two 50 µl tubes (haemotocrit standard) instead. Of course, if a larger number of drugs are to be tested, it is preferable to take venous blood, for example by Vacutainer.

**1. Requests**

Requests should be made to

The Coordinator  
Vector Control Research Unit  
School of Biological Sciences  
Universiti Sains Malaysia  
11800 Minden, Penang  
MALAYSIA  
(Attn: Associate Professor Dr Zairi Jaal)  
Tel: 604-6574776  
Fax: 604-6577200  
E-mail: [zairi@usm.my](mailto:zairi@usm.my).

All requests must be accompanied by a copy of the form (attached), in which all relevant information should be filled, to avoid unnecessary delay.

**2. Proforma invoice**

On receipt of requests, preferably by e-mail, USM will send a proforma invoice by e-mail, fax or regular mail covering the cost of items and despatch charges.

**3. Despatches and notification**

Items requested will be despatched only on receipt of payment at the USM Bank account (see 5).

**4. Costing**

All materials will be charged according to the prices given in the attached form. The cost of transport depends on the destination.

Costing and payment will be made in US Dollars.

**5. Instructions for Payment**

**By Cheque/Bankdraft:**

*or* **By telegraphic transfer to**

Cheque/bankdraft payable to  
**“BURSAR, UNIVERSITI SAINS  
MALAYSIA”** to be sent to:

The Coordinator  
Vector Control Research Unit  
School of Biological Sciences  
Universiti Sains Malaysia  
11800 Minden, Penang,  
MALAYSIA

Name of Account: Universiti Sains Malaysia  
Current Account No (Collection): 207130-  
00001079

Bank: RHB Bank Berhad  
Sungai Dua Branch  
4H & 4J Desa Universiti  
Commercial Complex  
Jalan Sungai Dua  
11700 Gelugor  
Pulau Pinang, Malaysia

Please send us a copy of your advice slip so  
that we can follow up.

All payments (either by cheque/bankdraft or telegraphic transfer) must indicate our reference number (*platesXXX/2001*). Please specify that payment is for the **Vector Control Research Unit**, School of Biological Sciences, Universiti Sains Malaysia, for the purchase of **WHO In Vitro Micro Test Plates**.

## SUPPLIES FOR WHO *IN-VITRO* MICRO TEST PLATES *Requisition form*

1. Requested by:

Name \_\_\_\_\_ Position \_\_\_\_\_

Institution's  
 Address \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
*(Please include street name and number, city, zipcode and country)*

Tel \_\_\_\_\_ Fax \_\_\_\_\_ Email \_\_\_\_\_

2. Supplies to be sent to:

Name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
*(Please include street name and number, city, zipcode and country)*

Tel \_\_\_\_\_ Fax \_\_\_\_\_ Email \_\_\_\_\_

	Drug <sup>1</sup>	Quantity <sup>2</sup>	Total cost (US\$) <sup>3</sup>
1.	Chloroquine		
2.	Monodesethylamodiaquine		
3.	Quinine		
4.	Mefloquine		
5.	Pyronaridine		
6.	Artemisinin		
7.	Atovaquone		
8.	Lumefantrine		
9.	Piperaquine		
	<b>Total</b>		

<sup>1</sup> Layout of plates, see below. Currently (May 2001), only plates 1-6 are available.

Plates no longer produced:

Quinidine, SDX/PYR, Pyrimethamine, Halofantrine. Amodiaquine has been replaced by monodesethylamodiaquine, its active metabolite.

<sup>2</sup> There must be a minimum order of 5 plates per drug.

<sup>3</sup> 5-10 plates per drug at US\$10.00 per plate  
 11-10 plates per drug at US\$9.00 per plate  
 > 20 plates per drug at US\$8.00 per plate

