

QBC Malaria Kits

Features and Benefits

The QBC Malaria Test represents a revolution in malaria testing technology. This simple to use test contains all of its staining agents within a single tube, thereby making testing faster and easier. With proven increases in sensitivity and species differentiation as well, the QBC Malaria Test is the tool of choice for microscopists worldwide. Designed for use under a fluorescent microscope or the [QBC ParaLens Advance System](#).

A Faster Approach

Clinicians on the front line of the malaria battle need fast results. The [QBC Malaria Test](#) leaves other malaria testing options in the dust in terms of preparation time and time required for review. The test itself can be prepared in just 6-7 minutes, as it requires only to be filled with fingerstick blood then centrifuged in the QBC Centrifuge for 5 minutes. Since the tube has been concentrated by centrifugation, the malaria parasites will be concentrated. Experienced technicians are capable of declaring a sample negative in just 3 minutes. At just 9-10 total minutes, the QBC Malaria Test can be performed in a third of the time of existing products.

Greater Sensitivity

The high volume of blood, the concentration of the parasites by centrifugation and the fluorescent staining of parasites make the QBC Malaria Test the most sensitive test available. Unparalleled sensitivity of one parasite per 2 μ l of blood is possible by the QBC method compared to 40 to 50 parasites per μ l for a Thick Film. A loss of parasites of up to 40% occurs in the conventional methods whereas there are no losses of parasites in the processing of a QBC Tube. Up to 18% more positives are reported by QBC than through conventional Thick Film methods.

Species Diagnosis

Species differentiation is possible in the QBC Malaria Test, enabling the physician to administer the right type of medication. Because of the high sensitivity of the QBC test, it is possible to detect malaria parasites very early, avoiding a long recovery and loss of working days for the patient. A QBC test is highly specific and a negative result will enable the patient to avoid a multi-drug therapy.