

Sysmex introduces hematology analyzer for malaria detection

Oct. 1, 2021—[Sysmex America](#) has introduced its XN-30 research use only automated hematology analyzer for malaria detection. The analyzer differentiates *P. falciparum* from non-falciparum species and determines the life-cycle staging of the parasites detected.

“The XN-30 research use only automated hematology analyzer delivers workflow efficiency and enhanced staff productivity to research labs currently performing manual microscopy for detection of malaria or relying on rapid diagnostic tests to screen symptomatic patients,” Andy Hay, chief executive officer of Sysmex America, said in a press release. “Unlike current microscopy and PCR methods, minimal training is needed to use the XN-30 RUO.”

The XN-30 RUO can report the level of parasitemia in an EDTA sample with a sensitivity as low as 20 malaria-infected red blood cells per microliter in as little as one minute. Using fluorescent stains and flow-cell technology, the analyzer standardizes detection and enumeration of intracellular malarial parasites.