

Beetle-inspired TB test could close the diagnostic gap in HIV hotspots

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A new handheld tuberculosis testing device by Tulane University is the size of a credit card, requires no electricity and significantly improves detection of the disease in those with HIV. (Vincent Postle/Tulane University)

Tulane University researchers have developed a new handheld TB test that significantly improves detection in people with HIV, according to a new study in *Nature Biomedical Engineering*. Powered by a beetle-inspired chemical reaction, the device requires no electricity and addresses a critical gap in TB infection

detection that has long hobbled efforts to eliminate the world's deadliest infectious disease. [Read the full story here.](#)