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Securities code: 4549 (TSE 1st Section)

TB-LAMP was listed in the catalog of GDF

A genetic testing TB-LAMP for detection of tuberculosis complex, which has been developed by our company, was recently listed in the catalog of Global Drug Facility - GDF -. Last year, TB-LAMP was recommended by the WHO and sales began by HUMAN (Head Office: Germany).

As an important program of the Stop TB Partnership, GDF enables supply of high-quality pharmaceuticals and diagnostic tools at reasonable prices in all countries. Listing in the GDF catalog will make it even easier for laboratories throughout the world to purchase the genetic testing TB-LAMP.

Currently, in countries where there is a high rate of tuberculosis and where tuberculosis is spreading, tuberculosis is mainly diagnosed using only sputum smear microscopy. This is due to factors such as development of infrastructure, securing of personnel, acquisition of inspection technology, and lack of funding. However, microscopy has low sensitivity, and there is the problem of significant variance in accuracy due to the experience and skill of the person conducting the examination.

The recent listing in the GDF catalog will enable terminal inspection centers in tuberculosis-afflicted countries to use TB-LAMP, which has high sensitivity and can quickly inspect a large number of samples. We expect further advancement of "Replacement from sputum smear microscopy test to TB-LAMP" as recommended by the WHO in 2016.

Tuberculosis is one of the three most prevalent infectious diseases in the world. Every year, 10.4 million people contract new cases of tuberculosis and 1.7 million people die^{*1}. In order to prevent further spreading of tuberculosis and to reduce the rate of infection, it is essential to conduct diagnosis accurately and quickly, and to provide appropriate medical care based on the diagnosis results. Our company will continue to focus on advancements of programs to eliminate tuberculosis in cooperation with HUMAN, and to spread the LAMP method.

※1 WHO Fact sheet Updated October 2017

《References》

- * GDF: <https://berkeleycenter.georgetown.edu/programs/global-drug-facility>
- * About Stop TB: <http://www.stoptb.org/about/>
- * WHO recommendation TB-LAMP: www.who.int/tb/features_archive/TB_LAMP/en/

About HUMAN

HUMAN, founded in 1972, is a Germany based privately owned company which develops, manufactures and distributes a wide range of IVD Diagnostics and laboratory equipment. The comprehensive portfolio of more than 400 products covers almost all areas of modern laboratory including Autoimmune and Molecular Diagnostics. With its strong network of local partners in 160 countries and with six regional offices around the globe HUMAN maintains probably the broadest distribution & service network especially in developing and emerging countries.

<https://www.human.de/>

Contact details

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