

Diagnosis of human cell lymphotropic virus HTLV-1/2 infection

Problema

There is a lack of methodologies for the universal and differential diagnosis of HTLV-1/2 (human T-cell lymphotropic virus). The high cost of the tests available for the differential diagnosis of HTLV-1/2 infection represents a major challenge in controlling diseases associated with this virus, such as leukemia and neurological problems. It is estimated that there are more than 10 million cases of HTLV in the world.

Solução

The technology consists of a serological immunofluorescence method using flow cytometry for the universal and differential diagnosis of HTLV-1 and HTLV-2 infection. The solution is based on the simultaneous analysis of IgG1 antibody reactivity. The method allows confirmatory diagnosis of the disease in just one step, without the need to collect different types and samples. This methodology can still be used as a more accurate prognosis for the patient. In other words, it is possible to check how the disease progresses in each patient.

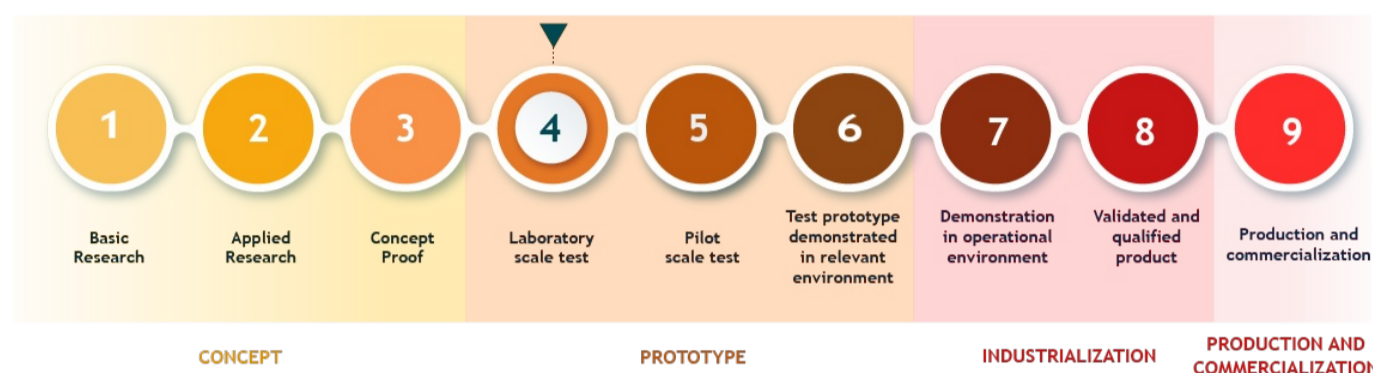
Diferencial

Single platform

High sensitivity and specificity

Easy execution

Estágio de Desenvolvimento



O que buscamos?

Technology licensing agreement

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Propriedade Intelectual

Tipo
Patente de Invenção

Descrição
Patent application filed in Brazil

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