

# Immunodiagnostic kit for detecting *Aspergillus fumigatus* in asthma and TB Patients (AFuPEPLISA)

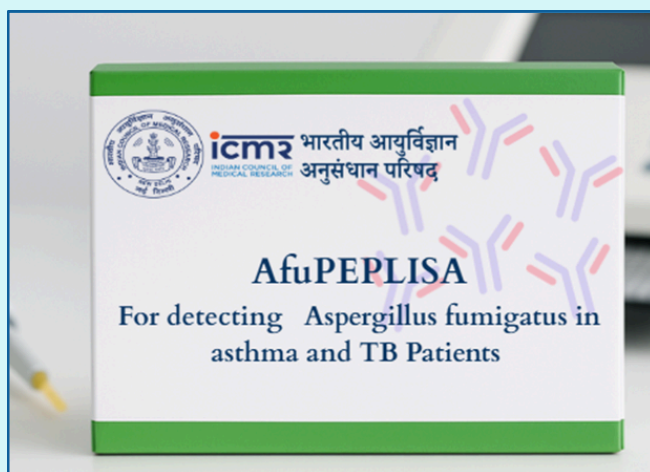
**Domain:** Diagnostic (Assay/Kit)

**About Technology:** The AFuPEPLISA Immunodiagnostic Kit presents a strong market potential in the early detection of *Aspergillus fumigatus* among patients with bronchial asthma and pulmonary tuberculosis—conditions that are increasingly prevalent in developing regions. Current diagnostic tests like ImmunoCAP, Immulite 2000, and Platellia *Aspergillus* IgG ELISA show variable sensitivity due to differences in antigen quality, assay matrices, and immobilization methods, leading to inconsistent results across platforms

**Intended Use:** Detection of *Aspergillus fumigatus* in the sera of patients with bronchial asthma and pulmonary tuberculosis

## Advantages:

- The test is for early detection that prevents complications of bronchial asthma and pulmonary tuberculosis



**IP Status:** Filed (Indian Patent Application No.- 202411008706)

**Development Status:** GMP finalized, third party validation complete

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