

## Medical device

# Rapid antigen detection test device

A researcher from the Andalusian Health Service has developed a one-step rapid antigen detection test device.

Oficina de  
**TRANSFERENCIA  
DE TECNOLOGÍA**  
Sistema Sanitario Público de Andalucía



### Description

The device presented allows for convenient rapid antigen testing using a tube with sample preparation and reagent, all in a single step.

The device consists of two distinct elements:

- (a) Swab: for sample collection.
- b) Sample preparation and analysis device: inside it houses the reagent liquid prepared for mixing with the sample and the strip with the necessary components for sample analysis.



### Advantages

1. Handling is avoided.
2. Response time is improved.
3. Contamination of the sample is avoided.
4. Greater protection of the healthcare personnel is achieved.



### Intellectual property

This technology is currently protected by a Utility Model with the possibility of international extension.



### Aims

The research group is looking for a licensing agreement for exploitation and/or collaboration.



### Classification

Area: Transversal  
Technology: Medical device  
Pathology: General