



## Lateral Flow Assay

**A lateral flow assay (LFA)**, also known as a lateral flow test or rapid diagnostic tests (RDTs), is a simple and rapid diagnostic tool used to detect the presence or absence of a specific substance or analyte in a sample.

Lateral flow assay offer several advantages, including rapid results (usually within minutes), simplicity of use (no complex equipment or specialized training required), and suitability for point-of-care testing. However, it's important to note that LFAs may have limitations in terms of sensitivity and specificity compared to more complex laboratory-based diagnostic tests.

We at QAWaCh Bio have developed **Quantitative LFA**-based testing that uses a combination of a LFA test card and a smartphone application to give results within 10-15 minutes at the bed-side of the patient.

Our **quantitative LFA** platform, called Q-Plat, is made ultra-sensitive by incorporating indigenously made detection molecules in our lab called Q-probe, that greatly enhances the sensitivity of all our assays.

