FUJIFILM
Value from Innovation

# DRI-CHEM IMMUNO AG1

*Densitometry Analyzer*

## An Innovative Rapid Diagnostic Test System for Influenza


Reagent cartridge

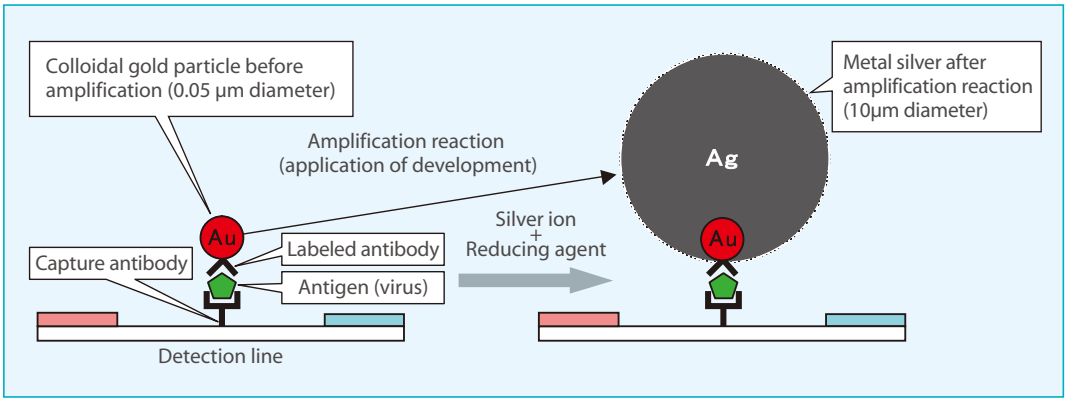
**Increasing the sensitivity of immunochromatography by silver amplification technology for photographic development**

**FUJI DRI-CHEM IMMUNO AG FluAB**

# Features of IMMUNO AG1 and dedicated reagent kit for influenza virus detection

## Newly developed highly sensitive detection technology

By applying the silver amplification principle of photographic development, the colloidal gold particles that are the targets are amplified up to 100 times or more, leading to the improvement of detection sensitivity.




### Automatic determination through reading function

Eliminating determination errors that are common with the conventional visual method. No need to measure time using a timer. Positive samples (shortest time about 3.5 minutes) or the completion of measurement are notified automatically by light and sound signals.

Determination through visual observation may cause errors due to the different judgments of individuals. If a measurement time is not kept as instructed, the determination of results as positive or negative may vary.

### Early determination through highly sensitive detection technology

Highly sensitive amplification technology increases the sensitivity of immunochromatography, allowing for a greater ability to detect viruses in a small sample amount in the early stage of flu.

Detection sensitivity at the early stage of flu is reportedly low in generally performed immunochromatography.

K. Mitamura et al. / Journal of Virological Methods 194 (2013) 123– 128

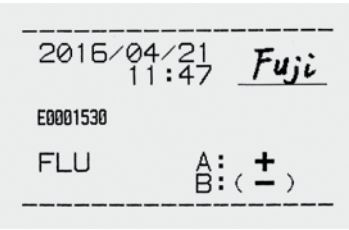
## Measurement flow

1 Put the name on the reagent cartridge.

2 Drop the sample liquid onto the reagent cartridge.

3 Insert the reagent cartridge into the equipment.

4 The results are printed automatically.




## Main specifications

| | |
|---|---|
| Parameter name | Influenza type A and B virus antigen |
| Sample type | Nasopharyngeal swab |
| Measurement time | 15 minutes after cartridge insertion<br>*Line reading starts at after around 3.5 minutes. |
| Data print | Built-in type (Thermal Printer) |
| Electrical requirements | Exclusive Adapter AC 100-240V |
| Dimensions | 180 mm (W) × 200 mm (D) × 116 mm (H) |
| Weight | Approximately 1.8 kg |

CE

Dedicated Reagent

Influenza virus kit

**FUJI DRI-CHEM IMMUNO AG FluAB**

*The contents of the reagent may differ from the actual product.

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