



# RNase Free Lateral Flow Running Buffer Screening Pack (AU2035)

## Features & Benefits

- Can be used for development of a lateral flow assay for detection of nucleic acids.
- Cost-effective way to screen multiple buffers for lateral flow assay development knowing they have been functionally tested to be RNase-Free

**Included:** Attogene proprietary RNase-Free designed lateral flow running buffer pack can be used to evaluate a series of RNase-Free chemically diverse lateral flow running buffers. The utility of these buffers spans both nucleic acid and protein based lateral flow test devices and are a great tool for development of new assays.

Description	Qty	Storage
RNase Free Lateral Flow Running Buffer “1” – Phosphate buffer-based composition (pH 7.6)	10 mL	RT
RNase Free Lateral Flow Running Buffer “2” – Phosphate buffer-based composition (pH 7.6)	10 mL	RT
RNase Free Lateral Flow Running Buffer “3” – Citrate Buffer – based composition (pH 7.5)	10 mL	RT
RNase Free Lateral Flow Running Buffer “4” – HEPES buffer – based composition (pH 7.5)	10 mL	RT
RNase Free Lateral Flow Running Buffer “5” – HEPES buffer – based composition (pH 7.5)	10 mL	RT

**Five 10 mL bottles of diverse lateral flow running buffers.**

### Dipstick based:

For a typical dipstick lateral flow assay, mix 100 µL-200 µL of running buffer with particles (i.e., colloidal gold or fluorescent particles) and nucleic acid components into a well of a 96 well plate or appropriate tube. Mix well, and add a dipstick containing appropriate sample pad, wick, and nitrocellulose. Wait between 5-30 minutes and review the results.

### Cassette based:

For a typical cassette lateral flow assay, mix 100 µL-200 µL of running buffer with particles (i.e., colloidal gold or fluorescent particles) and nucleic acid into a well of a 96 well plate or appropriate tube. Mix well and add the contents into the sample port of the cassette containing appropriate lateral flow strip containing a sample pad, wick, and nitrocellulose. Wait between 5-30 minutes and review the results.

### **Attogene Companion products:**

Streptavidin Gold (AU2017)  
Protein A colloidal gold (AU2016)  
Universal Lateral Flow Assay Kit (AU2034)  
Fluorescent Universal Lateral Flow Assay Kit (AU2037)

Colloidal gold (AU2012, AU2013, AU2014, AU2015)  
Lateral Flow Cassettes (C02022)  
Lateral Flow Cassette Foil Pouch Bags (C02023)