



# Providing solutions to protect our food.

Introducing Neogen's expanded portfolio  
for histamine detection.

# Make critical decisions and monitor product quality with our **histamine testing solutions**

Neogen® offers simple-to-use test kits and solutions that deliver reliable results and flexible workflows, no matter the operation type. Backed by expert technical support and unmatched customer service, we give you the confidence you need to run an effective histamine control program.



## Screen Samples

**Neogen Reveal®  
for Histamine**

## Semi-Automated Quantitation

**Neogen Reveal Q+  
for Histamine**

## Batching Testing Quantitation

**Neogen Veratox®  
for Histamine**

# Neogen Reveal for Histamine

Our Reveal for Histamine test is a simple-to-use, lateral flow device that screens samples at 35 ppm, utilizes a water extraction, and delivers results in five minutes. Quantitative results can be obtained from the same extraction utilizing the Reveal Q+ for Histamine test. Reveal is a great fit for those looking for a quick and easy screen for histamine at the FDA-regulated level.



**5 Minutes to Results**



**Room Temperature Storage**



**Water-Based Extraction**

## Test Procedure



**1**

Add 100  $\mu$ L of the sample extraction to a red dilution cup.



**2**

Add 1000  $\mu$ L of the sample diluent to the red dilution cup and mix by pipetting up and down 5 times.



**3**

Transfer 100  $\mu$ L of diluted sample extract to a clear sample cup.



**4**

Place a new Reveal Histamine strip into the sample cup. Set a timer for 5 minutes.

# Neogen Reveal Q+ for Histamine

Choose an easy-to-use method for quantitative histamine detection. Reveal Q+ for Histamine is a quantitative, lateral flow test utilizing the Neogen Raptor® or Raptor Solo platforms. With a range of quantification of 1.5 ppm to 40 ppm, results are delivered in five minutes, utilizing a water-based extraction. Test kit can be stored at room temperature.

## Efficient and Easy-to-Use Method for Histamine Detection



### Fast

Results in five minutes

### Simple and Semi-Automated

- Raptor and Raptor Solo allow you to add your sample and walk away reducing operator error and increasing productivity

### Versatile

- Full line of mycotoxin test kits available on the same platform — for Aflatoxin, DON, Fumonisin, Ochratoxin, T-2/HT-2, and Zearalenone

## Test Procedure



2

Add 100  $\mu$ L of the sample extraction to a red dilution cup.



3

Add 1000  $\mu$ L of the sample diluent to the red dilution cup and mix by pipetting up and down 5 times.



4

Insert a test strip into the Raptor Solo cartridge. Insert the cartridge into the Raptor Solo reader. Enter a sample ID if desired.



5

Add 400  $\mu$ L of the sample from the red dilution cup to the back of the Raptor Solo cartridge. Reader will start automatically.

# Neogen Veratox for Histamine

Veratox for Histamine is an efficient solution for the quantitative detection of histamine. It is ideal for those looking to increase throughput in their laboratory by batching samples.

## Product Highlights

- Quantitative range of 2.5–40 ppm
- Batch up to 19 samples at a time
- Results in 20 minutes
- Simple, water-based extraction
- AOAC PTM certified

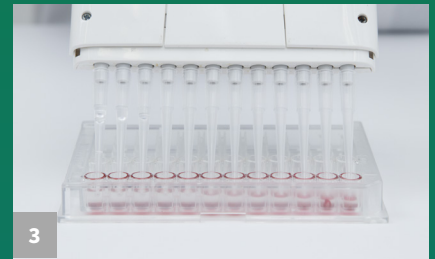
## Test Procedure



1 Add 1000  $\mu\text{L}$  of the conjugate to each red-marked mixing well.



2 Add 100  $\mu\text{L}$  of the controls and diluted samples to the red-marked mixing wells.



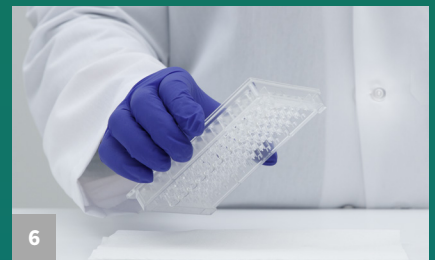
3 Mix, then transfer 100  $\mu\text{L}$  to clear antibody wells. Incubate for 10 minutes.



4 Shake out the contents of the antibody wells.



5 Wash wells thoroughly with deionized water. Repeat wash step 4 times.



6 Tap out the water on an absorbent paper towel.



7 Transfer 100  $\mu\text{L}$  of substrate to the antibody wells. Incubate for 10 minutes.



8 Transfer 100  $\mu\text{L}$  of Red Stop Solution into the antibody wells.



9 Wipe the bottom of the microwells with a dry cloth, and read results using a microwell reader with a 650 nm filter.

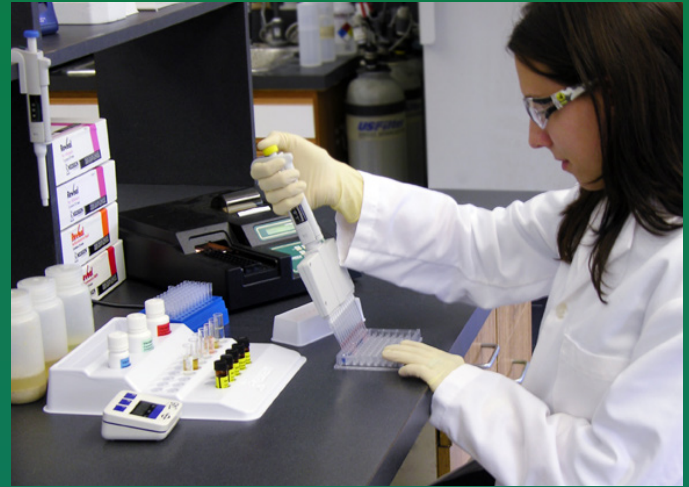
# Training and Support

Our in-depth product training can be delivered where and when you need it. Our talented team are on hand to provide comprehensive training and support tailored to your business needs, from customized sessions catered to all skill levels, to technical troubleshooting and guidance.



## LabLive

Our interactive online tool, LabLive, lets us offer you support, training and troubleshooting from the comfort of your own desktop or lab. Our free web service links you directly with technical experts for a personal experience, giving you instant access to support when you need it.



## Technical Services

Our on-site team of highly skilled technicians can provide you with the most efficient technical support. For unique commodities, we have an expert team dedicated to evaluating new matrices on our rapid methods.

## Comprehensive food safety solutions available for:

- Hygiene Monitoring
- Indicator Organism Testing
- Microbial Detection
- Culture Media
- Pathogen Detection
- Mycotoxin Testing
- Food Quality Analysis
- Allergen Testing
- Sample Collection
- Neogen Analytics

