

# Fast Histamine ELISA kit – HistaSure™ – Any fish sample

Ref: FC-E-3600

This fast Histamine ELISA kit was **validated and certified by the AOAC Research Institute** as an effective method for the quantitative measurement of histamine in fresh, frozen, canned fish samples and fish meals. Performed within 30 minutes, the assay can detect histamine levels between 0,44ppm and 300ppm in any fish sample, thus complying with regulatory requirements. (Only available for customers outside of France)

Sample type	10g fresh fish, frozen fish, canned fish or fish meal	
Samples/kit	40	
Sensitivity	0.44ppm	
Range	0 / 3.0 - 300ppm	
Assay time	25 min	
Reactivity	Reacts with all species	

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# **INFORMATIONS**

Product overview		
Product name	Fast Histamine ELISA kit – Fish samples – HistaSure™	
Description	Fast-track Enzyme immunoassay (ELISA) for the quantitative determination of histamine levels in fresh fish, frozen fish, canned fish or fish meals	
Labels	AOAC Performance Tested Method #021402	
Format	48-well plate	
Samples	10g fish sample	
Reactivity	Reacts with all species	
Standard range	0 / 3.0 – 300ppm	
Sensitivity	0.44ppm	
Specificity	No significant cross-reactivity was observed with Histamine analogs such as L- Tryptophan, Tryptamine, 3-Methyl-Histamine, L-Histidine, L-Tyrosine, L- Phenylalanine, Tyramine, Cadaverine, Spermine, Putrescine, Trimethylamine	
Assay time	Sample acylation 5 min, ELISA 20 min	
Storage	Store at 2-8°C for up to 12 months	
Datasheets	Instructions for use, Material safety datasheet	

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# **PROTOCOLS**

Sample collection & storage	Fresh/Frozen fish: keep fish frozen until analysis. Thaw samples under refrigeration or in cold water (no heated water bath). Store samples refrigerated (2-8°C) prior to testing. Blend samples until homogeneous.  Canned fish: Blend can content until homogeneous.  Canned marine products packed in oil, sauce, brine or broth: Drain for 2 minutes and blend until homogeneous.  Fish meal: Blend sample until homogeneous.
Extraction	Weigh 10g of sample, add 240ml ultra-pure water and homogenize for 1-2 minutes with blender. Filter/centrifuge homogeneate. Use $50\mu l$ of extract for acylation.
Acylation	Pipette 50µl of control(s) and sample extracts in wells. Add acylation buffer. Incubate with acylation reagent for 5min at RT on a shaker.
ELISA	Histamine antiserum incubation (10 min), revelation and read steps (20 min).
Detailed protocol	Download instructions for use

### **REFERENCES**

Product not yet cited.

# **Product pictures**

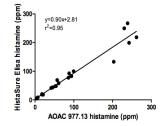




Fast ELISA kit for histamine monitoring in fish samples

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#### HistaSure™ Elisa vs AOAC 977.13 fluorometric method

Samples used: Fresh/Frozen Tuna, Canned Tuna, Frozen Mahi Mahi and Canned Sardines

#### Contact information

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#### To order, review, ask for technical support, visit product page at:

https://www.immusmol.com/shop/histamine-elisa-kit-any-fish-sample/

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