

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

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

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 50µl 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](#)

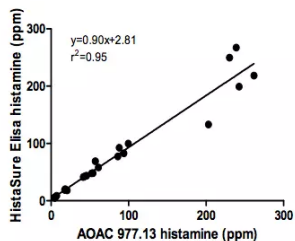
REFERENCES

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Product pictures



Fast ELISA kit for histamine monitoring in fish samples



HistaSure™ Elisa vs AOAC 977.13 fluorometric method

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

Contact information

Immusmol
229 Cours de l'Argonne
33 000 Bordeaux - France
Tel: +33 (0) 5 6431 1170
www.immusmol.com

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

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