

### Product information

**Product name:** anti-Ochratoxin A pab ELISA-Stick with reagents

**Product number:** EO-3

**Package size:** 10 tests

**General Description:** Ochratoxin A, a toxin produced by *Aspergillus ochraceus* and *Penicillium verrucosum*, is one of the most abundant food-contaminating mycotoxins in the world. Human exposure occurs mainly through consumption of improperly stored food products, particularly contaminated grain and pork products, as well as coffee, wine grapes and dried grapes. The toxin has been found in the tissues and organs of animals, including human blood and breast milk. Ochratoxin A can cause immunosuppression and immunotoxicity in animals. The toxin's immunosuppressant activity in animals may include depressed antibody responses, reduced size of immune organs (such as the thymus, spleen, and lymph nodes), changes in immune cell number and function, and altered cytokine production. Immunotoxicity probably results from cell death following apoptosis and necrosis, in combination with slow replacement of affected immune cells due to inhibition of protein synthesis.

**Principle:** The Ochratoxin A detection reagent set is sensitive and easy to handle test for the detection of Ochratoxin. The test can be carried out without sample preparation or pre-incubation. Since the test does not require any labour equipment, it is especially suitable for analysis on the spot.

**Sensitivity:** Detection limit 1 ng

**Sample size:** max. 1 ml

**Assay sample type:** any sample

**Detection time:** 1.5 h

*All products sold by AntiProt are intended for research use only unless otherwise indicated. This product is not intended for diagnostic or drug purposes, or for use in humans.*