

# Agrisera

This product is **for research use only** (not for diagnostic or therapeutic use)

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product **AS11 1711**

## DON | Deoxynivalenol (Total IgG)

### product information

**Background** | **Deoxynivalenol (DON)** is a mycotoxin occurring in grains such as barley, maize, oats, rye, and wheat. It occurs less often in rice, sorghum, and triticale. The plant pathogens *Fusarium graminearum* (*Gibberella zeae*) and *F. culmorum*, which are causing *Gibberella* ear rot in maize and *Fusarium* head blight in wheat, are associated with the occurrence of Deoxynivalenol. DON is a type B trichothecene, an epoxy-sesquiterpeneoid.

Alternative name: Vomitoxin.

**Immunogen** | BSA-conjugated deoxynivalenol

**Host** | Rabbit

**Clonality** | Polyclonal

**Purity** | Total IgG

**Format** | Lyophilized in PBS pH 7.4

**Quantity** | 0.2 mg

**Reconstitution** | For reconstitution add 0.2 ml of sterile water.

**Storage** | Store at 4 °C following reconstitution.

**Tested applications** | ELISA (ELISA)

**Related products** | [AS11 1675](#) | Anti-DON | deoxynivalenol (1 mg total IgG)

[AS11 1654](#) | Anti-DON | deoxynivalenol (100 ul serum)

[AS11 1686](#) | Anti-DON | deoxynivalenol (1 ml serum)

[Secondary antibodies](#)

**Additional information** | Purified antibodies were dialyzed against deionized water.

### Application information

**Recommended dilution** | The optimal working dilution should be determined by the investigator.

**Confirmed reactivity** | *Fusarium* sp.

**Not reactive in** | No confirmed exceptions from predicted reactivity are currently known.

**Additional information** | Antibodies are in a format of total IgG purified on protein G. Manufactured by Antiprot.

**Selected references** | to be added when available