

Agrisera

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

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product **AS11 1675**

DON | deoxynivalenol, Total IgG (1 mg)

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 zea*) 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 | 1 mg

Reconstitution | For reconstitution add 1 ml of sterile water.

Storage | Store at 4°C following reconstitution.

Tested applications | ELISA (ELISA)

Related products | [AS11 1711](#) | Anti-DON | deoxynivalenol (0.2 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