

Agrisera

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product **AS15 2988** Vomitoxin

product information

Background	<p>Vomitoxin 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 <i>Fusarium graminearum</i> (<i>Gibberella zea</i>) and <i>F. culmorum</i>, which are causing <i>Gibberella</i> ear rot in maize and <i>Fusarium</i> head blight in wheat, are associated with the occurrence of Vomitoxin. Vomitoxin is a type B trichothecene, an epoxy-sesquiterpeneoid.</p> <p>Alternative name: Deoxynivalenol (DON).</p>
Immunogen	<p><u>KLH</u>-conjugated Vomitoxin.</p>
Host	<p>Mouse</p>
Clonality	<p>Monoclonal</p>
Purity	<p>Purified in PBS</p>
Format	<p>Liquid</p>
Quantity	<p>1 mg</p>
Storage	<p>Stable for several weeks at 4°C. For long time storage, add 0.03% Sodium Azide or make aliquots and store product at -20°C. Avoid cycles of freezing and thawing. Expiration date is three years from the date of shipment if antibody is stored properly.</p>
Tested applications	<p>ELISA (indirect competitive ELISA), Immune colloidal gold (rapid test), Immunoaffinitychromatography (IAC)</p>
Related products	<p>AS11 1711 Anti-DON deoxynivalenol (0.2 mg total IgG) 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)</p> <p>Secondary antibodies</p>
Additional information	<p>IC50: 5 ng/ml.</p>

Application information

Confirmed reactivity	<p>Vomitoxin</p>
Not reactive in	<p>No confirmed exceptions from predicted reactivity are currently known.</p>
Selected references	<p>to be added when available, antibody released in March 2015.</p>