

Product information

Antibody name: anti-zearalenone

Product number: Z01F-1

Quantity: 100 µl

Clonality/purity: polyclonal antibodies

Host: rabbit

Immunogen: zearalenone conjugated with BSA;
coupling method - derivatisation of OH-groups using succinate

Applications: ELISA. Optimal dilutions are dependent on conditions and should be determined by the user. Other applications not tested.

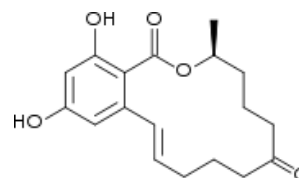
Specificity: Reacts with zearalenone from *Fusarium* species

Storage buffer: Phosphate buffered saline, pH 7.2; 0.05% Sodium Azide (NaN₃)

Storage: Store at +4°C up to one month or in aliquots at -20°C for longer. Avoid repeated freezing and thawing.

Description: Zearalenone (ZEA), also known as RAL and F-2 mycotoxin, is a potent estrogenic metabolite produced by some *Fusarium* species. Several *Fusarium* species produce toxic substances of considerable concern to livestock and poultry producers: namely, deoxynivalenol, T-2 toxin, HT-2 toxin, diacetoxyscirpenol (DAS) and zearalenone. Zearalenone is the primary toxin causing infertility, abortion or other breeding problems, especially in swine. Zearalenone is heat-stable and is found worldwide in a number of cereal crops, such as maize, barley, oats, wheat, rice, and sorghum and also in bread.

Related products: The antibodies are available in the form of ELISA-tests and immunosticks for rapid sample preparation. Please, contact us for information on these products.



Structure of zearalenone