

ARG80792 Chloramphenicol ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG80792 Chloramphenicol ELISA Kit is a Enzyme Immunoassay kit for the quantification of Chloramphenicol in food, urine (centrifugation, evaporation).
Tested Reactivity	Other
Tested Application	ELISA
Target Name	Chloramphenicol
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	0.03 ng/ml
Sample Type	Food, urine (centrifugation, evaporation).
Standard Range	0.05 - 5 ng/ml
Sample Volume	100 µl

Application Instructions

Assay Time	30 min, 15 min (RT), 15 min (RT/dark)
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Full Name	Chloramphenicol
Background	<p>Due to its outstanding antibacterial properties, chloramphenicol is an often used antibiotic in the production of milk, meat and eggs. In humans it leads to haematotoxic side effects, like the chloramphenicol induced aplastic anemia. This has caused low limits in Germany, e.g. 1 µg/kg for milk, meat and eggs.</p> <p>Till now the chloramphenicol concentration was determined by radioimmunoassay or by gas chromatography. However, compared with conventional methods, enzyme immunoassays show some essential advantages. There is no need to work with radioactive material, the required assay time is shorter and the sensitivity is better than with chromatographic methods.</p> <p>The Chloramphenicol test provides a rapid, sensitive and reliable assay for the determination of chloramphenicol in food and urine. 40 samples can be assayed in duplicate within 60 minutes.</p>

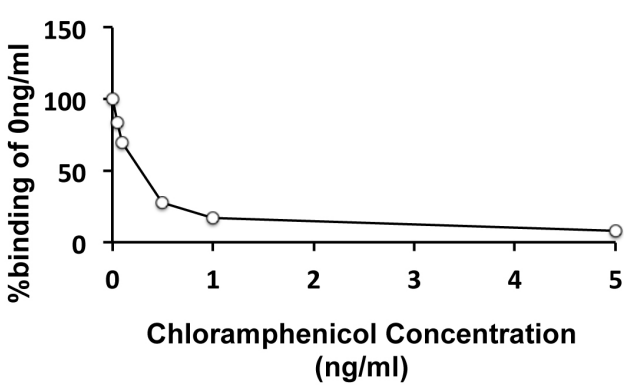
Highlight

Related products:
[Chloramphenicol antibodies](#); [Chloramphenicol ELISA Kits](#);
New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

Research Area

Controls and Markers kit; Microbiology and Infectious Disease kit

Images



ARG80792 Chloramphenicol ELISA Kit standard curve example image

The representative standard curve of ARG80792 Chloramphenicol ELISA Kit. The standard curve is for demonstration only and cannot be used in place of data generations at the time of assay. The standard curve should be generated each time the assay is performed.