

## ARG83052 Quinolones ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

Product Description	ARG83052 Quinolones ELISA is an enzyme immunoassay kit for the quantitative of Quinolones in food (extraction, dilution).
Tested Reactivity	Other
Tested Application	ELISA
Target Name	Quinolones
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.13 ng/mL
Detection Range	0.4 - 40 ng/ml
Sample Type	Food (extraction, dilution).
Standard Range	0.4 - 40 ng/mL
Sample Volume	100 µl
Precision	Intra-Assay CV: less than 5% Inter-Assay CV: less than 12%
Alternate Names	Quinolones

### Application Instructions

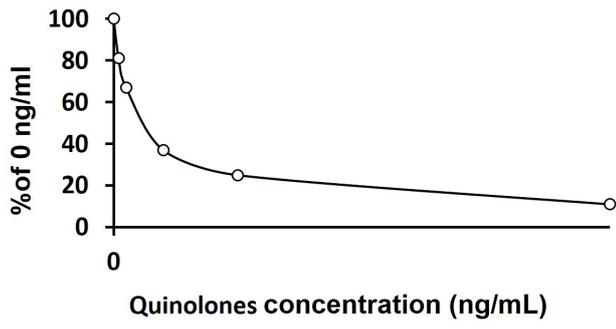
Assay Time	~1 hour
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### Properties

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

Background	Quinolones are antimicrobial agents effective in the treatment of selected community-acquired and nosocomial infections. They are usually administered orally, but some can be given intravenously for treatment of serious infections. Quinolones are bactericidal and exhibit concentration-dependent killing. The targets of quinolone activity are the bacterial DNA gyrase and topoisomerase IV, enzymes essential for DNA replication and transcription.
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ARG83052 Quinolones ELISA Kit standard curve image

ARG83052 Quinolones ELISA Kit results of standard run with optical density reading at 450 nm.