RIDA® Chloramphenicol

REF R1599

Dotierlösung / Spiking Solution

In vitro Test

Lagerung bei 2 - 8 °C
Storage at 2 - 8 °C

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RIDA® Chloramphenicol Spiking Solution

1. Intended use

RIDA® Chloramphenicol Spiking Solution (R1599) can be used for the production of positive control samples suitable for the validation (e.g. determination of the recovery rate) of the RIDASCREEN® Chloramphenicol test (R1511).

2. Reagents provided

Component	Cap Colour	Format		Volume
Spiking Solution	White	Ready to use	50 ng chloramphenicol / ml buffer	1 ml

3. Warnings and precautions for the users

The spiking solution should be used only by trained laboratory employees. The instruction for use must be strictly followed.

This kit may contain hazardous substances. Please refer to the component safety information in the material safety data sheets (SDS) for this product, available online at www.r-biopharm.de.

All reagents and materials must be recovered or disposed after use at customers own responsibility according to the protection of human health and the environment. Please observe the applicable national regulations concerning waste disposal (e.g. Waste Management Act, Regulations on Dangerous Chemicals, etc.).

4. Storage instructions

Store the spiking solution at 2 - 8 °C (35 - 46 °F); do not freeze it.

Do not use the spiking solution after the expiration date (see test kit label).

5. Test procedure

– Equilibrate spiking solution to room temperature (20 - 25 °C / 68 - 77 °F) before use.

– Take an aliquot of the spiking solution, relock the bottle at once and continue storage at 2 - 8 °C (35 - 46 °F).

– If necessary, dilute the spiking solution with wash buffer (see instructions for use of RIDASCREEN® Chloramphenicol (R1511) under chapter 4. Reagents provided).

– Spiking controls have to be prepared in the same media as used for the respective sample in the test.

– Spiking of samples should be conducted in such a way that the concentration measured in the test is in the center of the standard curve; for calculation of the spike level, the dilution factor has to be taken into account.

– The volume of spiking solution needed for the spiking of a certain sample amount can be calculated as follows:

$$\text{Volume of spiking solution} = \frac{\text{spike level x sample quantity}}{\text{concentration of spiking solution}}$$

General example:

$$\text{Volume of spiking solution} = \frac{50\ \frac{ng}{g} \text{ x } 1\ g}{1000\ \frac{ng}{ml}} = 0.05 \text{ ml to } 1 \text{ g sample}$$

– Ideally, the ratio of spiking solution to sample amount should be between 1:100 and 1:10; if the ratio between spiking solution and sample amount is lower, the spiking solution has to be pre-diluted accordingly.

Further product information and applications, please contact your local distributor or R-Biopharm at this address: sales@r-biopharm.de.

Version overview

Version number	Chapter and title
2009-02-25	Release version
2011-01-14	General revision
2015-10-30	General revision
2021-02-15	General revision Reference correction in chapter “1. Intended use” Correction of dilution recommendation in “5. Test procedure”
2021-10-26	Current version General revision Formal addition regarding disposal in chapter “3. Warnings and precautions for the users” Correction in chapter “2. Reagents provided”

Explanation of symbols

- General symbols:

 Follow the instructions for use

 Batch number

 Expiry date (YYYY-MM)

 Storage temperature

 Article number

 Number of test determinations

 Manufacturing date (YYYY-MM)

 Manufacturer + address

Disclaimer

The user assumes all risk in using R-Biopharm AG´s products and services.

R-Biopharm AG will warrant that its products and services meet all quality control standards set by R-Biopharm AG, and R-Biopharm AG will, at its option, replace or repair any components, product or repeat services which prove to be defective in workmanship or material within product specific warranty periods or expiration dates and which our examination shall disclose to our satisfaction to be defective as such.

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This warranty shall not be extended, altered or varied except by a written instrument signed by an authorized representative of R-Biopharm AG.

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