

Vitamin D Release Solution - 10 solutions



PRODUCT SPECIFICATION

Cat # 3019702

Batch:	<i>[Batch dependent]</i>
Size	10 x 30mL
Format:	Liquid, ready to use
Storage:	2-8°C
Expiry date:	<i>[Batch dependent]</i>

Description and Directions for Use:

This kit contains 10 vials of 30mL of different Vitamin D Release Solution. These solutions are designed to release 25OH Vitamin D from the Vitamin D Binding Proteins (DBP) and from Albumin. This is a necessary step in all 25OH Vitamin D immunoassays.

The 10 solutions are designed to work in the same step as the capture of the released 25OH Vitamin D by the assay antibodies. They should not be used in a separate step, prior to the immunoassay. They are compatible with most of the 25OH Vitamin D antibodies, but the functionality of the antibody must nevertheless be verified for each individual case.

Bring all the reagents to room temperature and vortex them prior to use.

- In the first step of the assay, in the presence of the solid phase coated with anti-25OHD antibodies, mix the release solution with the sample.
- Different ratio must be evaluated at first, e.g. sample:release solution ratio = 1:8, 1:4, 1:2.
- The optimal ratio will be determined in a second step.
- The assay conjugate can be added during this step, or in a second step.
- Proceed with the rest of the assay.

Based on the results obtained with this screening kit, customized solutions can be prepared.

Bulk quantities are available for each release solution. The article codes of the 10 release solutions are listed in the table below.

Article code	Matrix
3019704-RS2	Water/Methanol
3019704-RS4	Water/Methanol
3019704-RS6	PBS buffer
3019704-RS14	PBS buffer
3019704-RS15	Distilled water/MES/ANS
3019704-RS25	PBS buffer
3019704-RS26	PBS buffer
3019704-RS27	PBS buffer
3019704-RS28	PBS buffer
3019704-RS29	PBS buffer

For Research Use Only.

Date

Signature