



PRODUCT SPECIFICATION

catalog number:	X91101
product description:	Vitamin D Release Solution – 9 Solutions Screening Kit
lot number:	[lot specific]
quantity:	9 x 30ml
form:	Liquid, Ready to use
storage:	2-8°C
hazard/biohazard:	There is no known hazard/biohazard associated with this product.
direction for use:	<p>This kit contains 9 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.</p>

The 9 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 reagents to room temperature and centrifuge before 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.