



## PRODUCT SPECIFICATION

catalog number:	<b>X91100</b>
product description:	Vitamin D Release Solution – 14 Solutions Screening Kit
lot number:	[lot specific]
quantity:	14 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:** This kit contains 14 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 14 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.