

Release reagent for vitamin D compounds

Abstract

The present invention concerns a reagent composition for releasing vitamin D compounds bound to vitamin D-binding protein, an in vitro method for the detection of a vitamin D compound in which the vitamin D compound is released from vitamin D-binding protein by the use of this reagent composition and the reagent mixture obtained in this manner. The reagent used contains a hydrogen carbonate salt or a substance capable of releasing hydrogen carbonate ions (HCO_3) upon hydrolysis in a concentration of 0.1 M to 2.0 M. It also concerns the use of the disclosed reagent composition to release vitamin D compounds as well as a kit for detecting a vitamin D compound which contains the reagent composition for releasing vitamin D compounds in addition to common detecting reagents.

(Fig. 5)