ANALYTICAL ELEMENT AND IMMUNOASSAY USING A 4-HYDROXY OR 4-ALKOXYARYLACETAMIDE AS STABILIZER

Abstract

A dry analytical element can be used to sensitively and rapidly detect a wide variety of specific binding ligands in either a competitive binding or sandwich assay format. The assays are carried out using a peroxidase-labeled immunoreactant. The peroxidase label is stabilized with a 4-hydroxy or 4-alkoxyarylacetamide which is located in one or more zones of the element. Not only is the label stabilized with the stabilizer, but the assay is more sensitive.

(no figures to accompany this abstract)