

Abstract

BIOASSAY METHOD FOR ANTIBODY AGAINST THYROID-STIMULATING HORMONE RECEPTOR, MEASUREMENT KIT FOR THE ANTIBODY, AND NOVEL GENETICALLY MODIFIED CELL FOR USE IN THE BIOASSAY METHOD OR THE MEASUREMENT KIT

The present invention provides a method and a kit for assaying a TSH receptor antibody, which are easy to manipulate and are safe. Specifically, the present invention provides a composition comprising a genetically modified cell forced to co-express a TSH receptor, a cyclic nucleotide responsive calcium channel, and a luminescent protein aequorin. Use of the composition enables the assay of a TSH receptor antibody contained in a sample.

Figure for publication: None