



162162

-52-

USE OF 4' OF 5'-HYDROXY AND 4'- OR 5'-ALKOXY-SUBSTITUTED ELECTRON
TRANSFER AGENTS IN COMPOSITIONS, ELEMENTS, TEST KITS
AND ANALYTICAL METHODS

5

Abstract

Aqueous compositions, test kits, test devices
and methods can be used to detect hydrogen peroxide or
10 peroxidase by generating a colorimetric or
chemiluminescent signal in the presence of the analyte.
Signal generation is enhanced by the presence of
certain substituted 4-hydroxy- or 4-alkoxy-substituted
phenyl or naphthyl electron transfer agents.

(Figure 1)



G00002