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[54] **NON-INVASIVE EVALUATION OF MALDIGESTION AND MALABORPTION**

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[58] **Field of Search** 436/56, 63, 86, 436/89, 90, 161, 173, 811, 815; 435/4; 424/2, 9

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[57] **ABSTRACT**

A bentiromide test for evaluation of pancreatic function is provided which includes the steps of administering a stable, non-radioactive isotope of PABA along with the bentiromide and measuring the natural PABA and PABA isotope by gas chromatography mass spectroscopy (GC/MS). In a preferred embodiment, xylose is also administered and measured in the sample by GC/MS.

11 Claims, 4 Drawing Sheets