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(54) Title: METHOD FOR PREDICTING THE EFFICACY OF AN ANTIBODY-DRUG-CONJUGATE (ADC) USING MULTIPLEX FLUORESCENCE IN SITU HYBRIDIZATION (FISH) AND MULTIPLEX SEQUENCING

(57) Abstract: The present invention relates to methods for predicting the efficacy of an antibody-drug-conjugate (ADC) comprising determining by multiplex fluorescence in situ hybridization whether or not mRNA species of ADC-associated biomarker/s are present in a sample and determining by multiplex sequencing whether or not mRNA species of ADC-associated biomarkers are present in said sample. The present invention also relates to kits for performing the methods for predicting the efficacy of an antibody-drug-conjugate (ADC) as described and provided herein as well as use of such kits for performing the methods as described and provided herein.