

微量腫瘤基因完美檢測攻略

奇美醫院精準醫學中心與全球定序儀器製造商illumina合作，旗下的NovaSeq6000®的旗艦機種於今年3月正式進駐精準醫學中心核心實驗室，主要的發展檢測微量腫瘤基因次世代定序。只要二管血、十個工作天內即可獲得，五百個微量腫瘤基因檢測報告，以全球領先實驗室的報告時效，提供523更多基因檢測內容。我們使用血液檢體，排除組織樣品的調片的時間限制性，大幅縮短報告時效，再靈活運用血液與組織檢體與多元檢測方法突破個別的檢驗限制、一次提供523個基因定序結果，協助醫師診斷及規畫個人化用藥完整基因資訊。



奇美精準醫學核心實驗室



The comprehensive genomic profiling for liquid biopsy

Cooperating with Illumina, a global leader in DNA sequencing, the Genomic Core Laboratory of the Precision Medicine Center at Chi Mei Hospital was equipped with the flagship NovaSeq 6000 in March 2022, featuring next-generation liquid biopsy sequencing. With only 2 tubes of blood samples, a 523-gene profiling results can be generated in no more than 10 calendar days, ranking among the world's most efficient laboratory. Effective and robust reporting results are enabled by the use of blood samples to eliminate the time spent retrieving tissue samples. With high flexibility and multiplexed solutions being available to analyze blood and tissue samples, timely 523 genomic profiling results facilitate diagnostic assistance and precision medicine for the physicians.

