

進階版 Advanced Panel

敏兒安 safe|21^{express} 進階版可以全面檢測到23對染色體相關疾病，包括染色體三體症及目前已在國際數據庫 (OMIM, Decipher和Orphanet) 中記錄的105項微小至3Mb的微缺失或微重複^{4, 5, 6, 7}。

safe|21^{express} Advanced Panel screens for chromosomal aneuploidies of all 23 pairs of chromosomes, including trisomies and the 105 microdeletions/microduplications with a minimum size of 3Mb that has been recorded on the international databases: OMIM, Decipher and Orphanet^{4, 5, 6, 7}.

測試項目包括 Testing items include

22 項

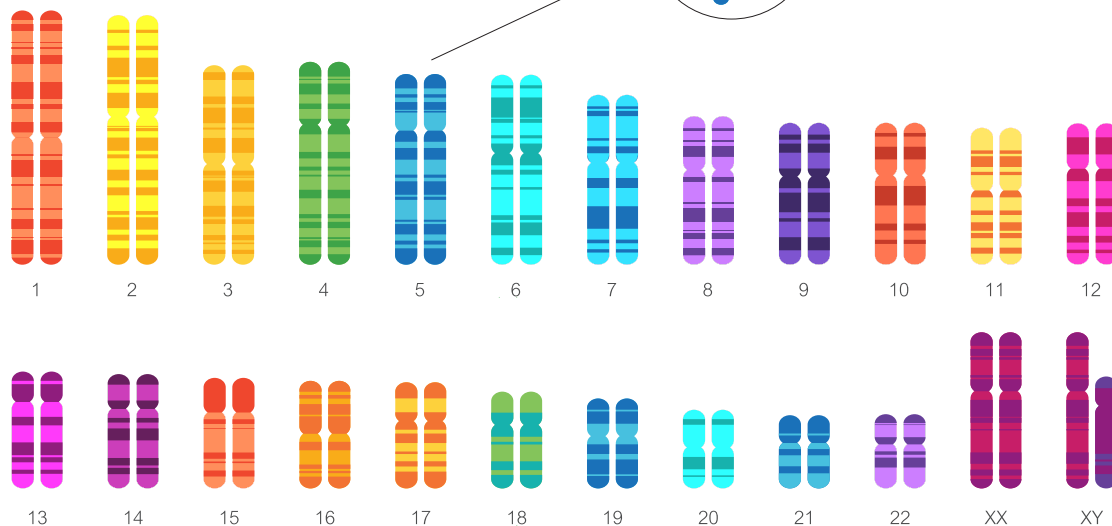
染色體三體症
Trisomies

105 項

微缺失或
微重複症候群
Microdeletion/
Microduplication
Syndromes

4 項

性染色體相關疾病
Sex Chromosome
Aneuploidies



超過 **105** 項微缺失或微重複症候群
more than **105** Microdeletion or
Microduplication Syndromes

22 項染色體三體症
22 Trisomies

X0
XXY
XXY
XXX

4 項性染色體相關疾病
4 Sex Chromosome
Aneuploidies

*敏兒安 safe|21^{express} 只能檢測微小至3Mb長度的微缺失及微重複，然而上述的微缺失卻有機會小於3Mb。由於部分微缺失的發生率較低，因此未獲大型數據驗證。

*由於進階版的檢測項目罕見及複雜，未獲大型數據驗證，因此準確率會降低。

*Since microdeletions are rare, limited data is available for validating the detection rate of most microdeletions. Microdeletions may occur in less than 3Mb in size, safe|21^{express} only searches for microdeletions with a minimum size of 3Mb.

*Since advanced findings are rare and complex, insufficient data for validation may lower the accuracy.