

Zygoty analysis

We offer robust and cost-effective tests for determining the zygoty of a twin pair. Two different options are available:

OPTION 1

The test is based on a panel of 47 extensively validated SNPs. The zygoty is calculated as the likelihood of being monozygoty (identical) versus dizygoty (fraternal) given the genotyping data. For further information regarding the validation of the SNP panel and zygoty determination see "Large-scale zygoty testing using single nucleotide polymorphisms" by Hannelius et.al:

Hannelius Ulf; Gherman Loreana; Mäkelä Ville-Veikko; Lindstedt Astrid; Zucchelli Marco; Lagerberg Camilla; Tybring Gunnel; Kere Juha; Lindgren Cecilia M

Large-scale zygoty testing using single nucleotide polymorphisms.

Twin research and human genetics: 2007;10(4):604-25.

Zygoty analysis	Price (SEK)
47 assays / 3 pools	140 SEK/DNA sample* (280 SEK/Twin pair)
Concordance analysis	12000 SEK/DNA material

OPTION 2

The panel is based on 39 extensively validated SNPs, a subset of the ones used in option 1. The zygoty is scored using the same principles as above.

Zygoty analysis	Price (SEK)
39 assays / 1 pool	85 SEK/DNA sample* (170 SEK/Twin pair)
Concordance analysis**	85 SEK/well, a minimum of 8 wells/82 samples will be analyzed

* Note: In the fee any empty wells in a 96 well plate are included, beside the six wells that are used for MAF control purposes.

** If more than 902 samples are analyzed simultaneously, 90 samples will be analyzed as concordance.

Concluding remarks

Non-academic customers please contact us to inquire about prices.