MUTATION ANALYSIS FACILITY

SERVICE FEES

(valid from 2019-01-01)

Methylation analysis with Agena methodology (EpiTYPER)

The project costs include four parts: bisulfite treatment of the DNA samples, amplicon assays (oligo costs), validation of assays, and analysis of customer DNA at a minimum of duplicate measurements.

Bisulfite conversions are charged per treated 96-well plate.

Each amplicon assay requires two primers (oligos), with the reverse primer containing the T7 promoter sequence, corresponding to an average length of 60 bp. It is recommended to order three assays per amplicon of interest. All ordered assays will be tested for PCR efficiency (analyzed on Agilent Bioanalyzer) prior to EpiTYPER validation.

The EpiTYPER validation may include any number of amplicons. The costs include assay validation of two assays per amplicon of interest.

Methylation analysis of customer DNA is charged per 384-well plate (chip).

Control DNAs of de-methylated and fully methylated sources are used for validation, and are included on every customer DNA 96-well plate.

Bisulfite treatment	**Price/96-well plate (SEK)**
Bisulfite treatment	5500
Amplicon assays	**Price/assay* (SEK)**
Up to 3500 samples	750
EpiTYPER assay validation	**Price/amplicon (SEK)**
Agena MassCLEAVE	2400
EpiTYPER methylation analysis	**Price/chip (SEK)**
Agena MassCLEAVE	24000

* Primers are ordered for each project and will be discarded after delivery of the data

Concluding remarks

In the validation process, several alternative amplicons are evaluated. The customer together with MAF will choose which amplicons to proceed with in the study. Amplicons that do not fulfill our validation criteria will be excluded.

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