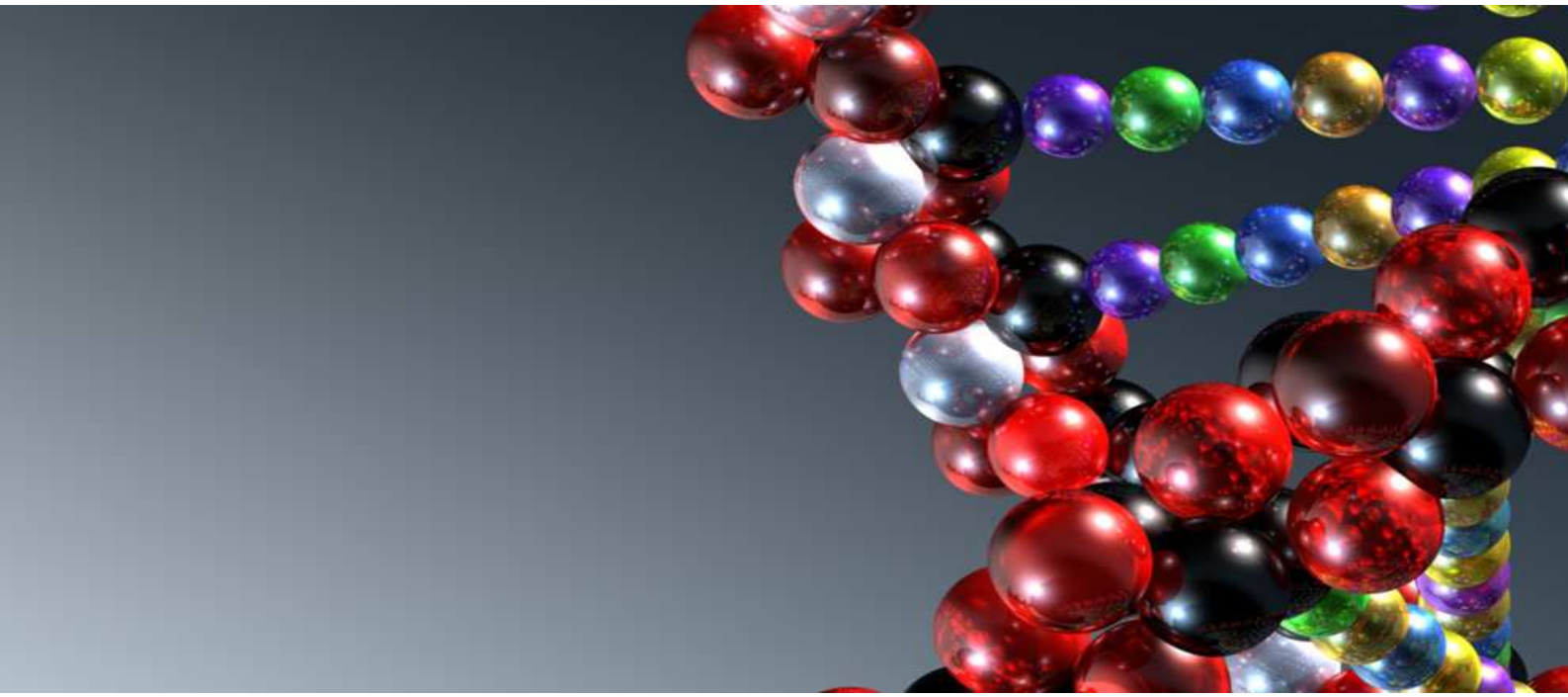
BioVectis



Sample Preparation for MSSCP

Free Sample Trial

Samples

Unlabeled PCR products should be non-infective and non-toxic.

PCR product size	150-350 bp
DNA concentration	> 30 ng/µl
Minimum volume	50 µl

Sample Quality Control

PCR products should be specific, as a single band in agarose gel, and shipped along with a picture of agarose gel stained with EtBr, which they were separated in, with molecular size markers.

If you don't have the picture of the gel, we will do it for you – it requires additional 5 µl of DNA in each sample for the agarose gel separation.
DNA concentration in each sample should be determined by a quantitative method or confirmed by the separation in agarose gel stained with EtBr.

Shipping

PCR products

Tubes containing PCR products should be marked clearly and their names should be copied into attached **Sample Description Page.**
PCR products should be sent as unpurified.

Samples, from which water was evaporated (SpeedVac) can be shipped at room temperature by express mail in a rigid box or envelope.

Liquid samples should be delivered frozen by courier unless the PCR products are of very good quality and stable at room temperature for at least 3-4 days.

PCR primers – unlabeled

PCR primers in quantities sufficient for about 20 PCR reactions can be shipped at room temperature by express mail.
Please make sure that a note with optimized PCR conditions is attached.

General Information

The procedure can be divided into five stages:

1. Separation of PCR products by MSSCP approach.
2. Silver staining of MSSCP gel. Picture of the gel will be sent to a client, who will decide which 2 ssDNA bands from each lane will be further analyzed (max. 10 in total).
3. Purification (elution) of ssDNA bands from MSSCP gel.
4. Amplification of eluted DNA fragments by PCR.
5. Sequencing of amplified PCR products.

Delivery address

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For any questions and further details please do not hesitate to contact our Scientific Consultants:

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