



IAB
Institute of Applied
Biotechnologies

Quotation

Project N26-005B

Optical Genome Mapping service - Isolation of HMW DNA, direct labelling, optical genome mapping on the Saphyr instrument and data analysis



Laboratoř pro studium vzácných nemocí

KPDPM, VFN a 1. LF UK

Ke Karlovu 2, Praha 2, 128 08

224 967 



At the forefront of digital genomics



About Institute of Applied Biotechnologies Inc.

Our company has been established in 2005 with focus on research, development and the manufacturing of products for molecular biotechnologies. In 2014 NGS laboratories were set up and IAB became the provider of services for different types of NGS projects. Currently, IAB is a team of experts specializing in next-generation sequencing and bioinformatics, all under one roof to provide a complete NGS solution using state of the art technologies.

Institute of Applied Biotechnologies Inc. (IAB) provides a wide range of services for genomic analyses using "Next Generation Sequencing (NGS)" technologies. We use the most modern bioinformatics analytical procedures to process large genomic and genetic data for accurate and consistent interpretation of NGS results. We provide services to both public and private healthcare and research partners.

The mission of IAB is to become a reliable provider of innovative, scalable and flexible NGS services to meet the needs of customers involved in projects of different types and to enable researchers to explore DNA on a new scale, thus helping them to move their research to another level.

Offer specifications for Project N26-005B

The offer includes the Isolation of HMW DNA, direct labelling of the HMW DNA, optical genome mapping on the Saphyr instrument and data analysis using the Saphyr server to create de novo assembly for genome-wide structural variations detection.

Input material

Number of samples: 2

Origin: Human

Source: Frozen blood

Form for shipping: Frozen blood

Quantity: $\geq 650 \mu\text{L ml}$ blood / aliquot

Aliquots per sample: 2

Shipping conditions: Dry ice

Storage conditions: -80°C

The sample transportation to the IAB Olomouc service laboratory is included in the price of the service.

Output

Bioinformatics

Structure variant (SV) data is shared using the Bionano Access visualisation software.

Delivery

The data will be delivered to you via the Bionano Access software

Raw molecule data, assemblies, and variant annotations will be uploaded to a Bionano Access server where you can interactively visualize, filter, classify, and curate variants of interest and generate reports

Bulk data downloads can also be made available upon request

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Supplier

Institute of Applied Biotechnologies a.s.

Kramolínská 955
199 00, Prague 9-Letňany

Headquater
Kramolínská 955, 199 00, Prague 9
IČ: 27225712, DIČ: CZ27225712

The company is registered in the Commercial Register of the Municipal Court in Prague, section B, insert 9836.

Contact [REDACTED]
Phone +420 [REDACTED]
E-mail [REDACTED]@iabio.eu

Customer

Laboratoř pro studium vzácných nemocí

KPDPM, VFN a 1. LF UK
Ke Karlovu 2, Praha 2, 128 08

Contact [REDACTED]
Phone 224 967 [REDACTED]
E-mail [REDACTED]

Subject Offer:

Quotation Date 24.03.2026
Expiration Date 19.04.2026

Description	Quantity	Price per unit	Price excluding VAT	VAT
Optical Genome Mapping service - Isolation of HMW DNA, direct labelling, optical genome mapping on the Saphyr instrument and data analysis	2	31 000,00 Kč	62 000,00 Kč	21%

Total price excluding VAT	62 000,00 Kč
VAT	13 020,00 Kč
Total price including VAT	75 020,00 Kč

OGM service follows General Terms and Conditions of Institute of Applied Biotechnologies a.s.

