

## Professional supervision

European Society of Pathology Quality Assurance Foundation  
Barastraat 6, 1070 Brussels, Belgium  
[www.esp-pathology.org](http://www.esp-pathology.org)

## EQA provider

SEKK s.r.o.  
Arnošta z Pardubic 2605, 530 02 Pardubice  
Czech Republic  
[www.sekk.cz](http://www.sekk.cz)

## Programme description

The programme is focused on external quality assessment of the testing of mutations of the clinically most important genes relevant to anti-EGFR therapy in colorectal carcinoma - *KRAS*, *NRAS*, *BRAF*. Participants are expected to identify and describe mutations and they can choose any combination of *KRAS*, *NRAS*, *BRAF* testing.

## Accreditation

The CRC programme is accredited according to the international standard ISO/IEC 17043.

**ISO/IEC 17043  
accredited programme**

## Programme homepage

The homepage of the CRC programme, which collects all information belonging to this programme in one place, is:

[www.sekk.cz/CRC](http://www.sekk.cz/CRC)

## Schedule

The programme consists of 2 rounds:

- round 1 starts on April 5, 2022
- round 2 starts on August 23, 2022

Participation in both rounds is required. The deadline for applications is February 1, 2022.

In each round the participants have 4 weeks to analyse the samples.

## Annual fee

The annual fee that covers complete services (participation in 2 rounds, samples, transport of the samples to the participant's laboratory, evaluation) is 454 EUR.

## Samples

In each round the participant receives 1 set of samples containing 15 unstained FFPE sections obtained from 5 primary samples (invasive colorectal adenocarcinomas).

Every participant receives 3 sections of each primary sample. One section is to be used for hematoxylin-eosin (HE) staining and the remaining 2 sections for DNA isolation and mutation detection.

## Assigned values

The mutations that are expected to be found by the participants (assigned values) are determined by a consensus of 3 European expert laboratories.

## Evaluation and reports

Each round is evaluated separately and independently. The output of the evaluation process consists of 2 parts:

- Public summary (consists of the statistics and supervisor's comment) is freely available to everybody (please visit [www.sekk.cz/eqa/2021/CRC221\\_Info.htm](http://www.sekk.cz/eqa/2021/CRC221_Info.htm)).
- Individual (private) reports for each participant. You can find an example at the programme homepage.

## How to participate

A step-by-step guide on how to register and order online is available here:

[www.sekk.cz/eqa/2022\\_CRC\\_how\\_to\\_order.pdf](http://www.sekk.cz/eqa/2022_CRC_how_to_order.pdf)

## Contacts

Feel free to contact us if you have any questions or requests at [sekk@sekk.cz](mailto:sekk@sekk.cz)