

## Questionnaire – 2D DIGE Analysis

Please fill out this form as a prerequisite for planning and specifying the major steps of the respective project.

It will also be used as the basis for quotation and further discussion of project details.

All information provided including the client information at the end of this questionnaire will be treated strictly confidential. A nondisclosure agreement can be signed upon request.

### 1. Information about the purpose of the analysis

What is your specific request? Please specify:

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### 2. Sample Information

Samples originate from the following host species:

E. coli                      CHO                      Other, please specify: \_\_\_\_\_

Number of samples: \_\_\_\_\_

Number of pairwise comparison: \_\_\_\_\_

Sample character:

Cellular lysate                      Cell culture supernatant                      Purified protein solution

Estimated protein concentration and method of determination (please specify):

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Buffer composition (please specify): \_\_\_\_\_

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Samples represent:

Mock fermentation

Process sample with drug substance

What is the nature of the drug substance (please specify)?

Recombinant protein

Humanized antibody

Other, please specify: \_\_\_\_\_

**Biosafety level:**                      **1**                      **2**

If the drug substance is a genetically modified organism, please specify:

\_\_\_\_\_

For BSL2 (biosafety level 2 according to Biological Agents Ordinance [https://www.gesetze-im-internet.de/englisch\\_biostoffv/englisch\\_biostoffv.pdf](https://www.gesetze-im-internet.de/englisch_biostoffv/englisch_biostoffv.pdf) please provide risk analysis.

If samples submitted are GMO, please attach Formblatt Z or relevant documentation. The final risk assessment and security level for GMO organisms will be finalized by Biogenes in accordance with the German law since regional differences may occur. (Genetic Engineering Safety Ordinance – GenTSV) <https://www.bmlh.de/SharedDocs/Gesetzestexte/EN/GenTSV-E-en.html>

Are you able to provide a drug substance-specific antibody (anti-drug antibody)?

No                      Yes                      If yes, the antibody origin is (species): \_\_\_\_\_

The anti-drug antibody will be provided as:

Monoclonal antibody

Polyclonal antibody

In case of a polyclonal anti-drug antibody, the antibody will be provided as:

Total IgG

Affinity purified

Concentration of the provided anti-drug antibody [ $\mu\text{g/ml}$ ]: \_\_\_\_\_

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Working concentration/ dilution factor of the anti-drug antibody in Western Blot:

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### 3. Required level of 2D DIGE analysis

Qualitative electronic evaluation of data (determination of match rate)

Quantitative electronic evaluation of data (analysis of expression of each Individual HCP spot, unchanged, increased or decreased expression)

Qualitative and quantitative electronic evaluation of data

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**4. Please provide additional information on:**

Planned timelines: \_\_\_\_\_

Payment planned directly or via a purchasing platform (e.g. Scientist.com):  
\_\_\_\_\_

How did you find out about BioGenes? \_\_\_\_\_

Other information not previously covered: \_\_\_\_\_

**Client Information:**

Company/Institution name: \_\_\_\_\_

Contact person: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Date: \_\_\_\_\_