**Auftragsprotokoll für die Elektronenmikroskopie**

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| **Datum:** | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name/Projektleiter/Abteilung: | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Anschrift: | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tel./Fax: | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-Mail | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| □ | | TEM | | □ | | | Hochdruckgefrieren | | | | | | | | | | | | □ | | | Einbettung | | | | | | | | | □ | | | Negativkontrastierung | | | | | | |
| □ | | SEM | | □ | | | Gefriersubstitution | | | | | | | | | | | | □ | | | Ultramikrotomie | | | | | | | | | □ | | |  | | | | | | |
| □ | | LM | | □ | | | chem. Fixierung | | | | | | | | | | | | □ | | | Immunmarkierung | | | | | | | | | □ | | |  | | | | | | |
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| Organismus: *Gattung, Spezies* (**E**, Eukaryot; **B**, Bakterium; **A**, Archaeum): | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | |
| Alternativ: Protein, Substanz: | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | |
| Sicherheitsstufe nach **GenTG § 7, Abs. 1**: | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | |
| Einstufung laut **GESTIS-Biostoffdatenbank** | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | |
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| **Probenbezeichnung:** | | | | | | | | | | | | | | | **Probenbeschreibung:** | | | | | | | | | | | | | | | | | | | | | | | | **Probennr.** | |
| 1. |  | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | |  | |
| 2. |  | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | |  | |
| 3. |  | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | |  | |
| 4. |  | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | |  | |
| 5. |  | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | |  | |
| 6. |  | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | |  | |
| 7. |  | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | |  | |
| 8. |  | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | |  | |
| 9. |  | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | |  | |
| 10. |  | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | |  | |
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| **Angaben zum Medium/Puffer:** | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Medium: | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| pH-Wert: | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Osmolarität: | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Temperatur: | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Medienzusätze: | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **Bei chem. Fixierung:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fixans: | | | | | |  | | | | % Glutaraldehyd | | | | | | | | | | | | |  | | % Formaldehyd | | | | | | | | |  | | | % | | | |
| Fixanspuffer: | | | | | |  | | | | mM Cacodylatpuffer | | | | | | | | | | | | |  | | mM Tris-HCl | | | | | | | | |  | | | mM MgCl2 | | | |
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| **Zentrifugation:** | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Zentrifuge: | | | | | | □ | | | Eppendorf | | | | | | | | □ | | Andere | | | | | | |  | | | | | | **rpm** | | |  | | | | | **g** |
| **Angaben zum Antikörper (bei Immunmarkierung):** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| □ | Kommerziell | | | | | | | | □ | | | generiert in (Organismus): | | | | | | | | | | | | |  | | | | | | | | gegen Peptid oder Protein: | | | | |  | | |
| Aufreinigung: | | | | | | | | | □ | | ja | | | □ | | | | nein | | | Wenn ja, wie? | | | | | | |  | | | | | | | | | | | | |
| Verdünnung Western | | | | | | | | |  | | | | | | | sonstige Besonderheiten: | | | | | | | | | | | | | |  | | | | | | | | | | |
| **Anlage (wenn möglich):** Kopie Western-Blot auf Gesamtproteinextrakt, wenn möglich auch Prä-Immunserum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **Untersuchungsziel:** | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **Bemerkungen:** | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **Untersuchung als:** | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| □ | | | **Wissenschaftliche Kooperation**  (Co-Autorenschaft bei Publikation/Poster) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| □ | | | **Eigenständige Präparation/Untersuchung**  Nach Anleitung durch EM-Labor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| □ | | | **Auftragsforschung** (keine Co-Autorenschaft, Kostenabrechnung nach Industriesatz)  **Nach Rücksprache mit Dr. Klingl/ Dr. Bolte** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **Kostenvoranschlag bei Auftragsforschung erwünscht:** | | | | | | | | | | | | | | | | | | | | | | | |  | | | □ | | **Ja** | | | | | □ | | **Nein** | | | | |
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| **Rechnung an:** | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Interne Auftragsnummer** | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Unterschrift des Projektleiters: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Unterschrift EM-Laborleitung: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_