

From basics to essentials  
 From diagnostics to in vivo-research

## Biotechniques

mfd Diagnostics provides different options within the framework of biotechniques. Select the type which is most appropriate for you and contact us to clarify procedure and pricing.

### Superovulation

- Superovulation of mice including plug check und documentation
- Delivery of the plug-positive mice by door-to-door delivery or by external courier

### Extraction of embryos at 2-cell-stage (Transfer of embryos performed by customer)

- Delivery of the embryos in 2-cell-stage by door-to-door delivery or by external courier

### Extraction of embryos at 2-cell-stage including cryopreservation of the embryos (Revitalization and transfer of embryos performed by customer)

- Delivery of the cryopreserved embryos by mfd Diagnostics or by external courier
- Transport in liquid nitrogen

or

- Temporary storage of the cryopreserved embryos in liquid nitrogen at mfd Diagnostics until delivery

### Mouse-Embryo-Transfer

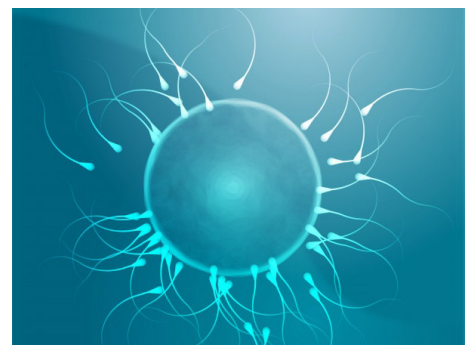
- Mouse-Embryo-Transfer/Delivery of at least 2 visibly pregnant recipients
- Delivery of rederived offspring including certificate of health

### Cryopreservation: Extraction and freezing of Mouse-Embryos

- Cryopreservation of 200 – 300 Embryos or 10 vials of sperm
- *in vitro* and *in vivo* vitality testing

### Mouse-Embryo-Revitalisation

- Mouse-Embryo-Revitalisation and Delivery of at least 2 visibly pregnant recipients
- Mouse-Embryo-Revitalisation and Delivery of the offspring including certificate of health
- Mouse sperm revitalization via IVF and Delivery of the offspring including certificate of health



### Performing of vasectomy