

Pathophysiology Platform

Max Delbrück Centrum for Molecular Medicine

REQUEST FOR SCREENING SERVICES

Return completed Form to

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Contact Information

Institute:

Project Leader:

Cost Center:

Phone:

Email:

Study Information

Registration Number Referred by Authority (Reg.-No.):*

Date of Governmental Permission (dd.mm.yy)*: . .

Expiration Of Validity (mm.yy)*: . .

**Mandatory Fields!*

State specific physiologic question to be addressed:

Study Subject:

Mouse

Rat

Others

Quantity:

Strain(s):

Age:

Sex: male female mixed

Requested Date of Analysis:

Serial Examination? Yes No

I agree with the debiting of the above mentioned cost center for accrued costs of examination

Date

Signature (Project Responsible/Head of Cost Center)

* Please use "Pathophysiology Platform" to acknowledge this work in publications *

Services Provided

SCREENING SONOGRAPHY

CARDIO IMAGING

- 1.1 Basal Echocardiography
(Morphology, Systolic Function)
- 1.2 Special Parameter Echocardiograms
(Morphology, Diastolic Function, Doppler)
 - Mitral Valve Doppler
 - Transverse Aortic Constriction Doppler
 - Arterio-Venous Shunt Doppler
 - Administration of Substances
 - Strain Rate Analysis
 - Others
- 1.3 Myocardial Infarction Echocardiograms
(Simpson-Analysis)
 - Strain Rate Analysis
- 1.4 Contrast Sonography

ABDOMINAL IMAGING

- 1.5 Sonography of abdominal Organs
 - Kidney
 - Liver
 - Spleen
 - Pancreas
 - Others

EMBRYONIC IMAGING

- 1.6 Embryonic Development

CANCER IMAGING

- 1.7 Basic Cancer Imaging
- 1.8 Special Parameter
 - 3D Volumetry
 - 3D Vessel Imaging

SCREENING HAEMODYNAMICS

- 2.1 Measurement of Blood Pressure in conscious restrained Animals (non-invasive)
- 2.2 Invasive Analysis of Blood Pressure
- 2.3 PV-Analysis of left ventricular Function
 - Administration of Substances

SCREENING ELECTROCARDIOGRAMS (ECG)

- 3.1 ECG in conscious restrained Animals (non-invasive)
- 3.2 ECG of anesthetized Animals

SCREENING BODY COMPOSITION

- 4.1 Quantification of Lean Mass, Fat and Free Fluid (non-invasive)

SCREENING RESPIRATION

- 5.1 Functional Analysis in conscious restrained Animals (non-invasive)
- 5.2 Administration of aerosolic Substances (Nebulization)

OPTICAL PROJECTION TOMOGRAPHY

- 6.1 Embedding and Scanning
- 6.2 Staining + Embedding and Scanning

SPECIAL REQUESTS