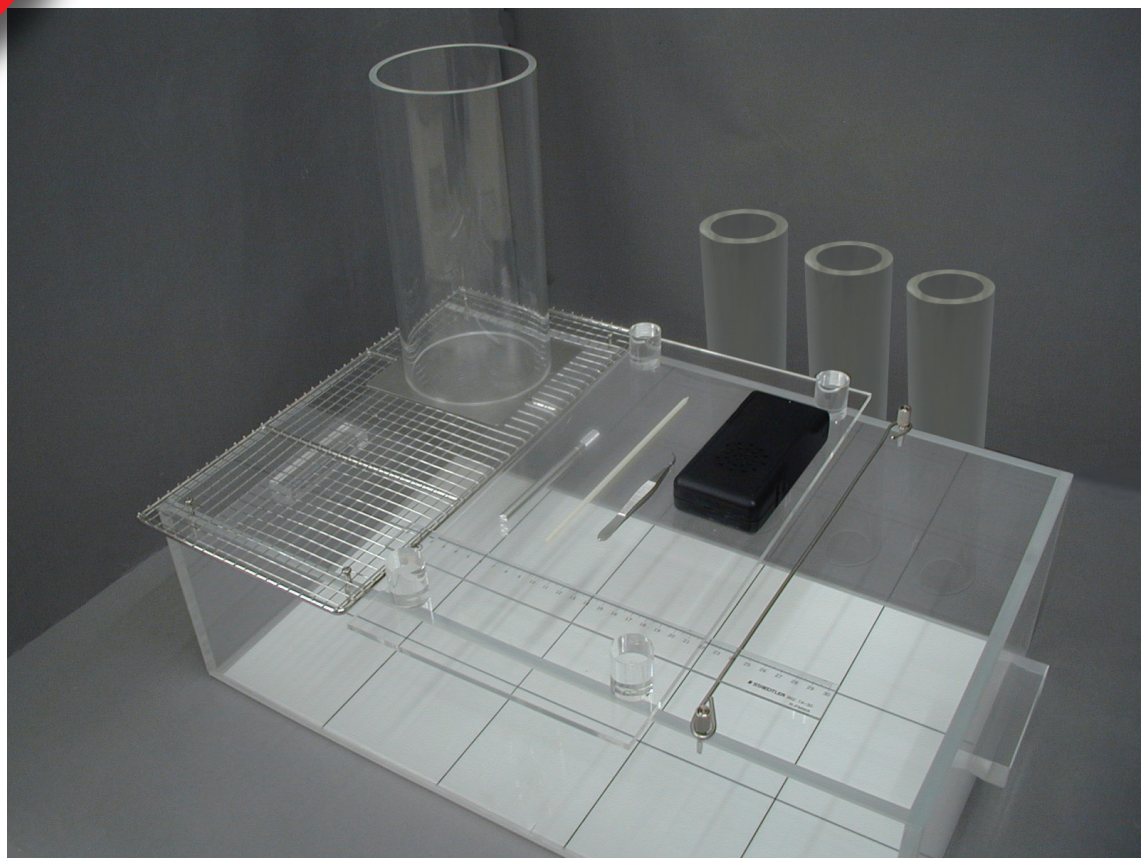


Mouse observation tools

for **Combined Modified SHIRPA**
and
Dysmorphology (CSD)

Worldwide
standard

For standardized, systematic mouse behavioral
and morphological analysis



Combined Modified SHIRPA and dysmorphology (CSD) is one of the excellent and quick observation methods which evaluate comprehensive mouse behavioral & phenotypic trait with universal and precise description. This method requires no precise equipment and is performed only by visual inspection and manual handling using simple equipment. We have a license to produce and provide the same tools as used in RIKEN BioResource Center Technology and Development Team for Mouse Phenotype Analysis (Japan Mouse Clinic). Without using standardized tools, the data will not be regarded as a target for worldwide comparison. Moreover, we are developing data entry software in cooperation with Japan Mouse Clinic in order to reduce the time, effort and mistakes during data entry. The software will be adapted to International Mouse Phenotyping Consortium CSD (IMPC CSD) version.

**Modified-SHIRPA has been developed and modified by Japan Mouse Clinic.*



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★ Please understand that appearance & specification of this product may be changed for improvement without notice.

Mouse observation tools

for Combined Modified SHIRPA and Dymorphology (CSD)

Test items of CSD-IMPC mandatory

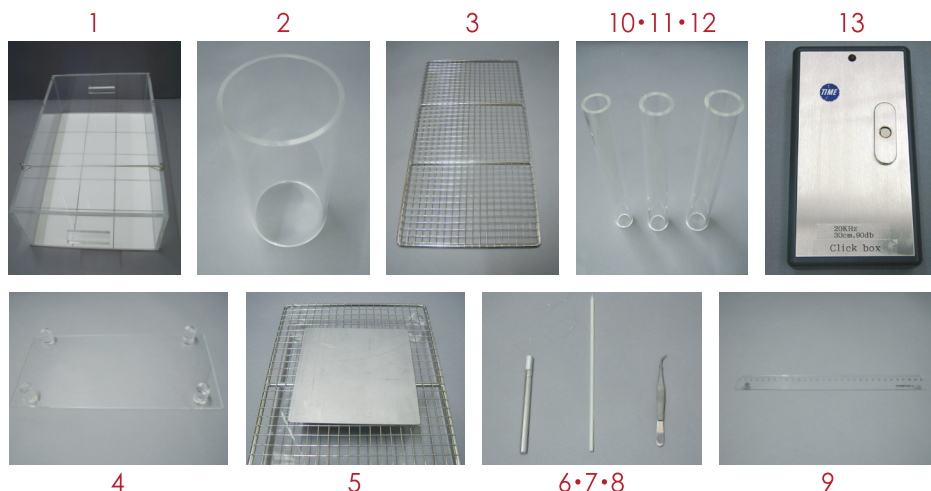
- Activity (body position)
- Tremor
- Transfer arousal
- Locomotor activity
- Gait
- Tail elevation
- Startle response
- Touch escape
- Positional passivity
- Trunk curl
- Limb grasp
- Head size
- Head morphology
- Snout size
- Ears
- Tail Presence
- Tail length
- Tail thickness
- Tail morphology
-
-
-
- Coat - hair texture
- Skin color - whole body
- Skin texture - whole body
-
-
-
- Vocalization
- Aggression
- Head bobbing
- Unexpected behaviours

Software

*The Observation traits are still under discussion in International Mouse Phenotyping Consortium. These traits could be changed.

Component

1. Arena
2. Viewing jar
3. Grid floor
4. Supports for Grid floor
5. Stainless steel plate
6. Wire attached to an end of a dowel
7. Plastic rod
8. Forceps with tips bent
9. Ruler
10. Transparent tube ø25
11. Transparent tube ø30
12. Transparent tube ø35
13. Click box
14. Observation software



manufacturer



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