



Standard Operating Procedure Title: **Appendix: Modified SHIRPA**
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SHIRPA score sheet

Behaviour recorded in Viewing Jar:

Body Position

- 0 = Inactive
- 1 = Active
- 2 = Excessive Activity

Tremor

- 0 = Absent
- 1 = Present

Palpebral Closure

- 0 = Eyes open
- 1 = Eyes closed

Coat Appearance

- 0 = Tidy and well groomed coat
- 1 = Irregularities such as piloerection

Whiskers

- 0 = Present
- 1 = Absent (include any further comments)

Lacrimation

- 0 = Absent
- 1 = Present

Defecation

- 0 = Present
- 1 = Absent

Behaviour recorded in the Arena:

Transfer Arousal

- 0 = Extended freeze (over 5 seconds)
- 1 = Brief freeze followed by movement
- 2 = Immediate movement

Locomotor Activity

The total number of squares the animal enters with all four feet in 30 seconds.

Gait

- 0 = Fluid movement and approximately 3mm pelvic elevation
- 1 = Lack of fluidity in movement (include comments eg. retropulsion, more than 3 mm pelvic elevation)

Tail Elevation

- 0 = Dragging
- 1 = Horizontal extension
- 2 = Elevated/straub tail

Startle Response

- 0 = None
- 1 = Preyer reflex (backwards flick of the pinnae)
- 2 = Reaction in addition to the Preyer reflex (eg. Startled response)

Touch Escape

- 0 = No response
- 1 = Response to touch
- 2 = Flees prior to touch

Behaviour recorded above the Arena:

Positional passivity

- 0 = Struggles when held by the tail
- 1 = Struggles when held by the neck (loose scruff between the forefinger and thumb)
- 2 = Struggles when laid supine
- 3 = No struggle