

CERTIFICATE OF STRAIN

We hereby certify the strain of the animals and their background as follows

| | |
|-----------------------------------|---|
| Place of birth : | Japan SLC, Inc. Inasa & Nakaizu Production Facility |
| Purchaser : | |
| Shipping date and flight number : | December 28 ,2022 |
| Monitoring result : | As attached sheet |

Details:

| | Inbred Rat |
|------------------------|--|
| | SHR/Izm, SHRSP/Izm and WKY/Izm |
| Origin & History | The spontaneously hypertensive rat (SHR/Izm) and stroke-prone SHR (SHRSP/Izm) and Wistar Kyoto (WKY/Izm) rats are widely using for the study of hypertension. SHR was separated from WKY in 1959 and established as an inbred strain to induce spontaneous hypertension in 1971. SHRSP was separated from SHR in 1966 and established as an inbred strain to induce spontaneous cerebral apoplexy in 1973. WKY was established as an inbred strain 1971. |

Japan SLC, Inc.