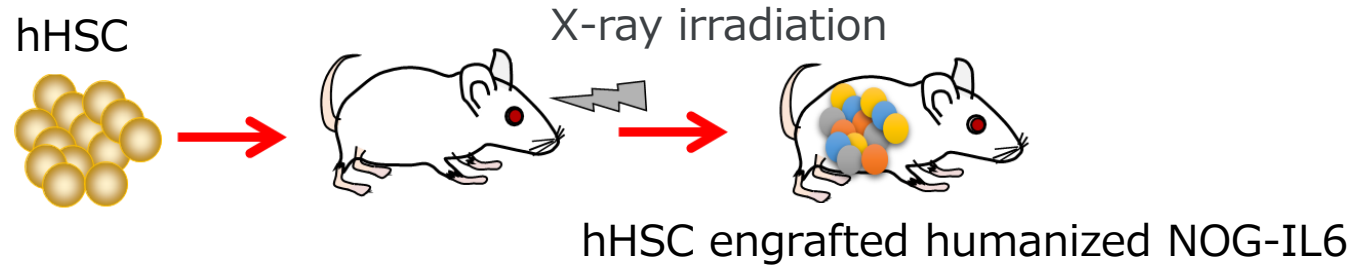


Method for hHSC engrafted humanized NOG-IL6 mice production



- Purchase 6-week-old NOG-IL6 mice and acclimatize them for a week.
- The mouse is irradiated with X-rays to kill some of the mouse-derived bone marrow cells. (If produced at the customer's facility, experiments can also be performed with pretreatment with Busulfan.)
- Within 24 hours after X-ray irradiation, $3\sim5 \times 10^4$ human umbilical cord blood-derived hematopoietic stem cells ($CD34^+$ HSCs) are transferred via the tail vein.
- At this point, measure the engraftment rate of human leukocytes by flow cytometry.
- We will provide chimeric rate data ($hCD45^+$ cell number / ($hCD45^+$ cell number + $mCD45^+$ cell number)) in advance.
- Humanized mice engrafted with human hematopoietic stem cells contain human-derived materials.
- Please obtain the cell information sheet in advance, check it, and use it according to the rules of each institution.
- (In case you purchase ready-made humanized NOG mice from In-Vivo Science, we will provide you with a cell information sheet.)

- Regarding order of FcResolv NOG-IL6 mice, HSC engrafted NOG-IL6 mice and/or Questions, please contact In-Vivo Science Inc. through the order form on our website.
- <https://www.invivoscience.com/order/>