

Have you ever wanted to remove subcutaneous fat during sterilization but couldn't?

In such cases, **stem cells** can be cultured from **ovarian** tissue!

Optional culture kit for ovarian
tissue-derived stem cells
(ODSCs)

ODSC culture

① Seeding



Culture for several days



② passive culture

Culture for several days



ODSC

① Seed cells isolated from ovarian tissue using the Canine ADSC Primary Culture Kit. Order the ODSC Optional Culture Kit at this time.

② Expanded culture using the Canine ADSC Primary Culture Kit + ODSC Optional Culture Kit.



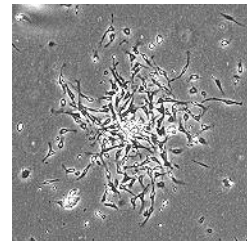
ODSC Optional culture kit

Begin culturing according to the ODSC Culture Instructions Day 1 included in the Canine ADSC Primary Culture Kit. Immediately thereafter, please order the ODSC Optional Culture Kit. The protocol will be included in the package.

[Notes.]

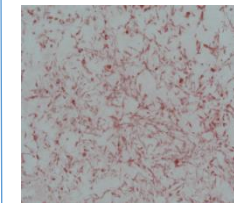
This kit is exclusively for dogs.

- Culture is initiated using the Dog ADSC Primary Culture Kit.
- ODSC Optional Culture Kit is required by passaging (multistage flasks).
- P0 proliferate faster than ADSCs. (Approx. time: 4 to 5 days)
- P1 can be cultured up to P1. (P2 and P3 cannot be cultured due to reduced proliferation.)
- Even after long-term culture or overculture, the cells remain spindle-shaped, but the number of floating cells increases and the number of recovered cells decreases.
- The number of cells recovered decreases as the number of floating cells increases.

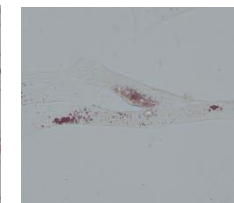


Canine ODSC in culture

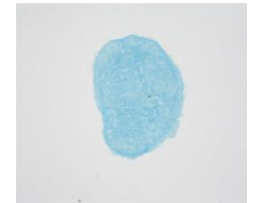
Differentiation potential into osteoblasts, fat, and cartilage



Alizarin Red



Oil Red O



Alcian Blue