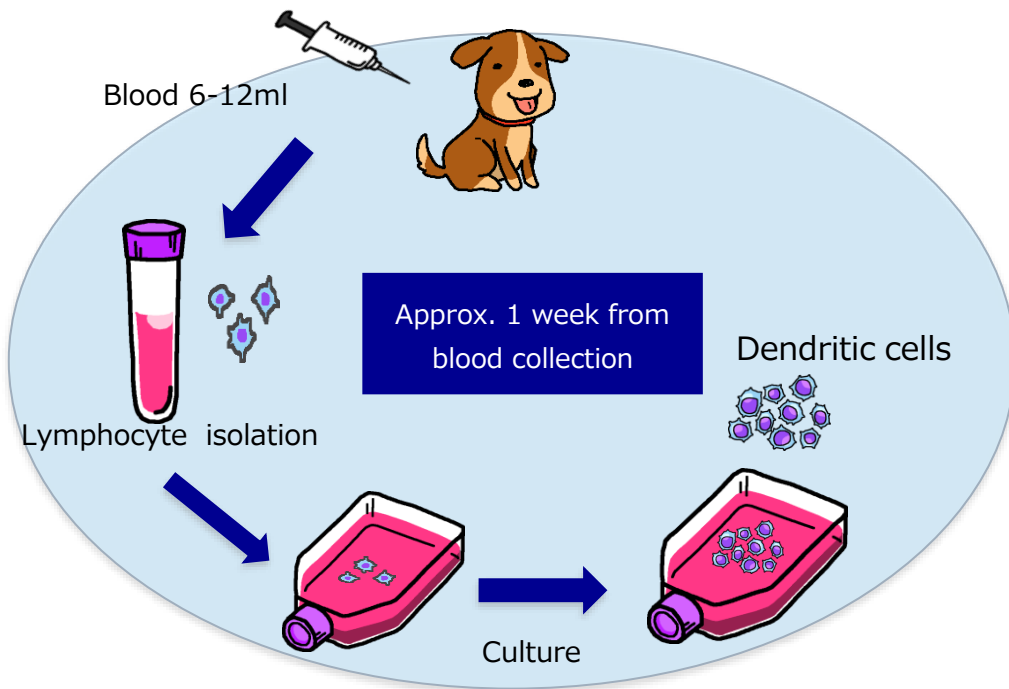


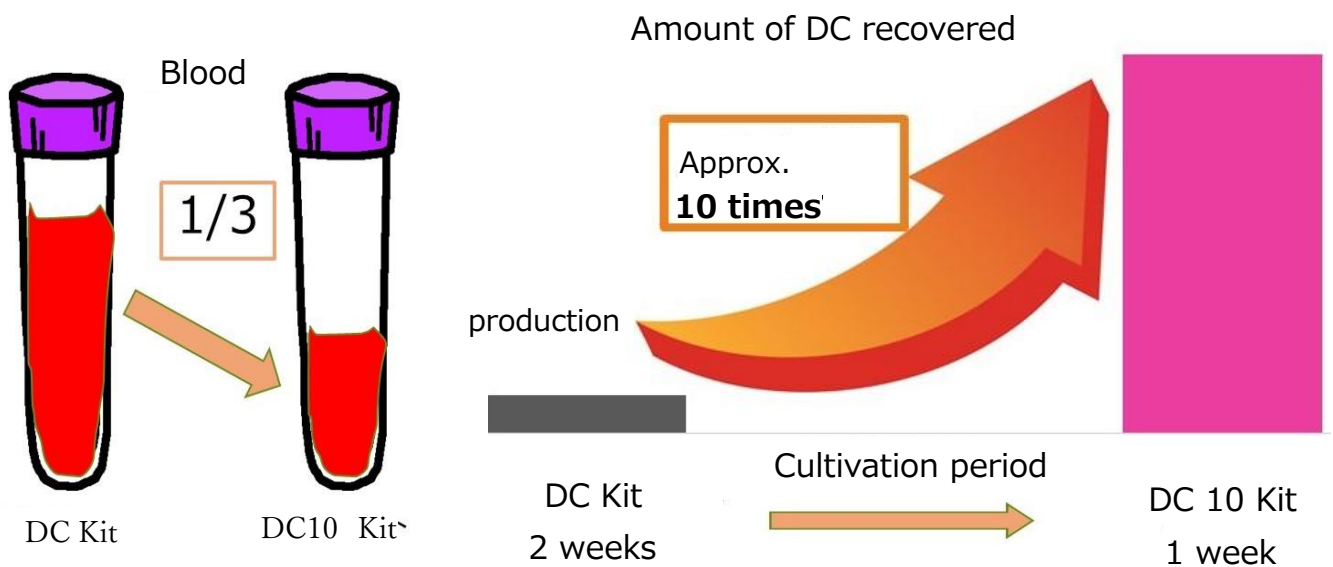


Culture kit for dendritic cells (DC)10



The Dendritic Cell (DC)10 Culture Kit is a kit for convenient and rapid culture of DCs from mononuclear cells isolated from 6 ml of blood.

Forte



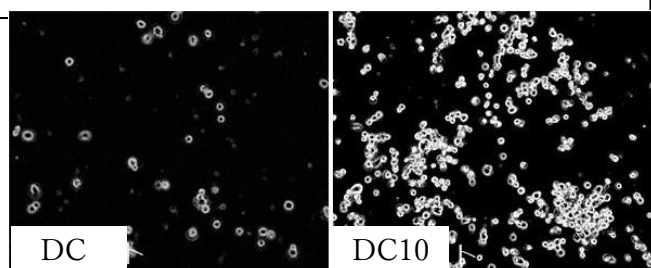
Composition

This all-in-one culture kit includes everything necessary for culture, including culture bag, culture medium, and pipettes.

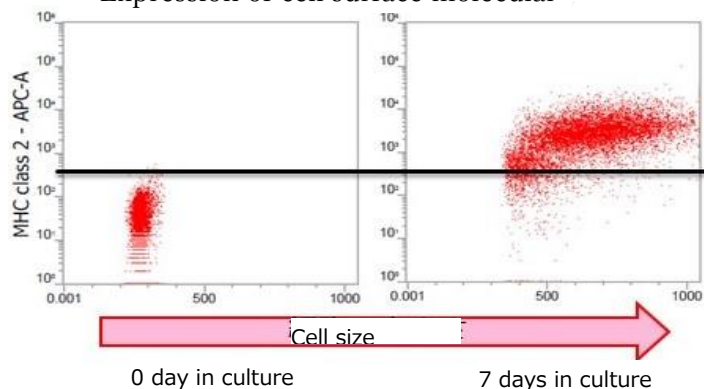


Application Examples

Using the DC10 culture kit, mononuclear cells were isolated from canine peripheral blood and cultured for 1 week to recover differentiated induced DCs. Cell morphology, cell recovery, expression of cell surface molecular antigens, cell phagocytosis ability, and IL-12 production ability were examined.

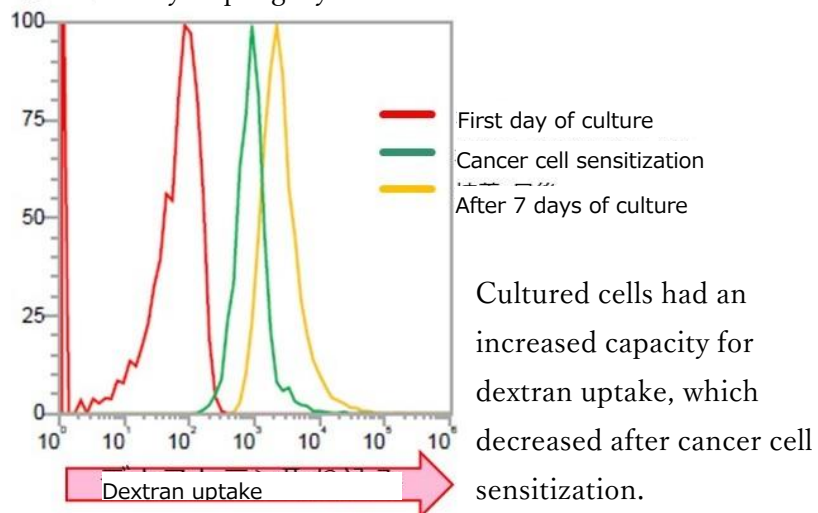


Expression of cell surface molecular



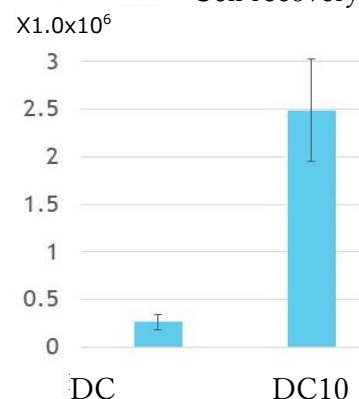
The expression of MHC class II molecules involved in antigen presentation by dendritic cells was approximately 33 times higher at 7 days than at 0 days.

% Ability to phagocytose

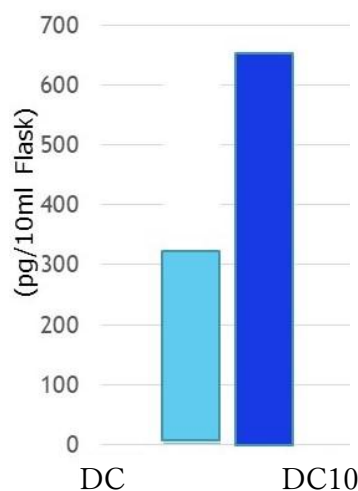


Cultured cells had an increased capacity for dextran uptake, which decreased after cancer cell sensitization.

Cell recovery



IL-12 production



IL-12 :
Cytokines
characterized by
marked activating
effects on NK cells

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