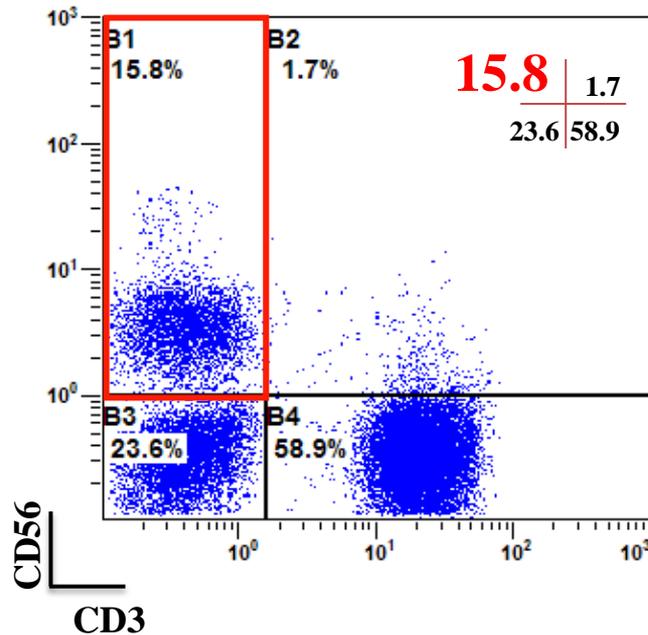


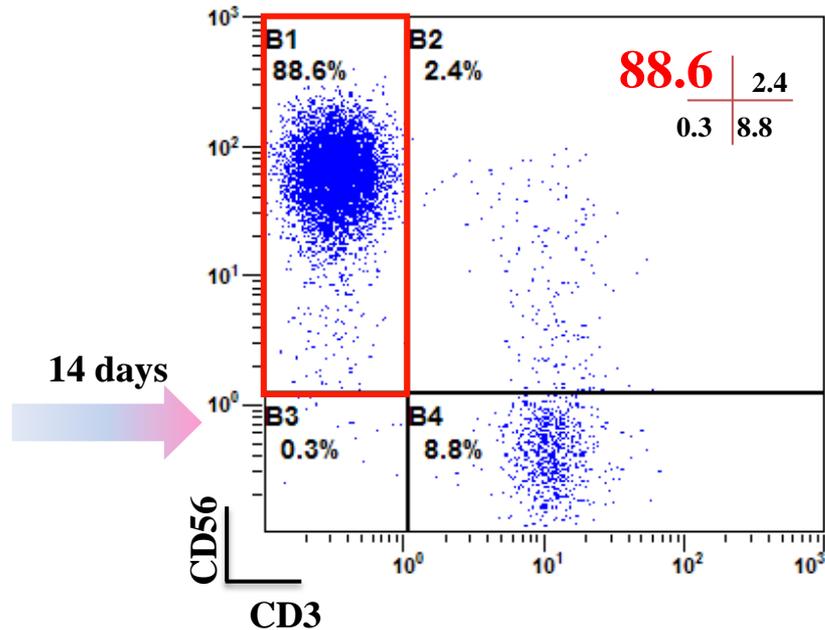
Ex vivo NK cell expansion using BINKIT[®]

PBMCs



14 days

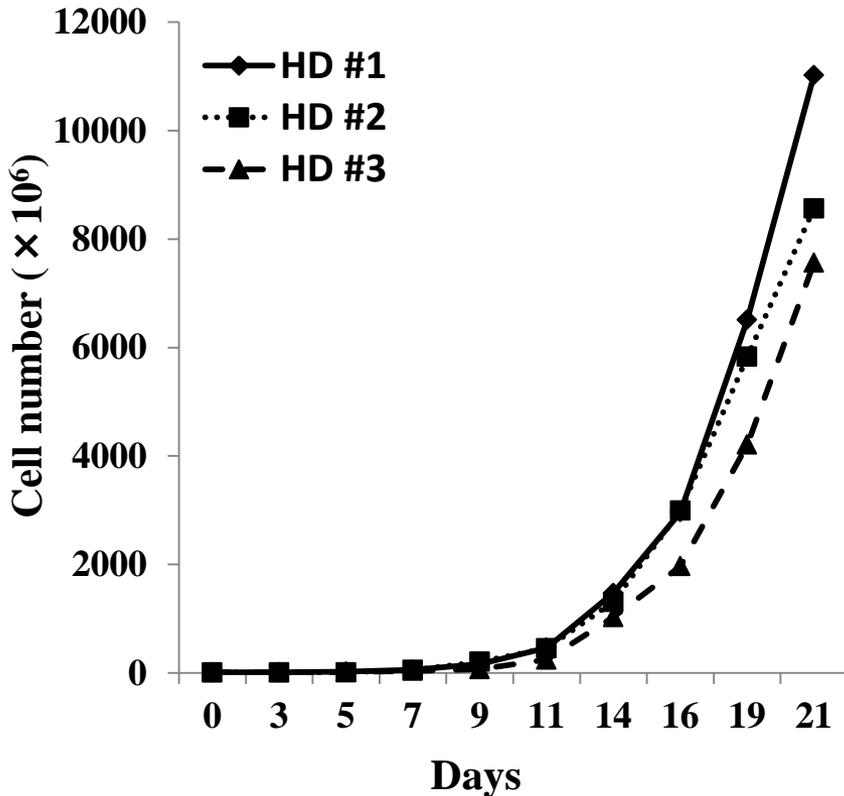
Expanded NK cells



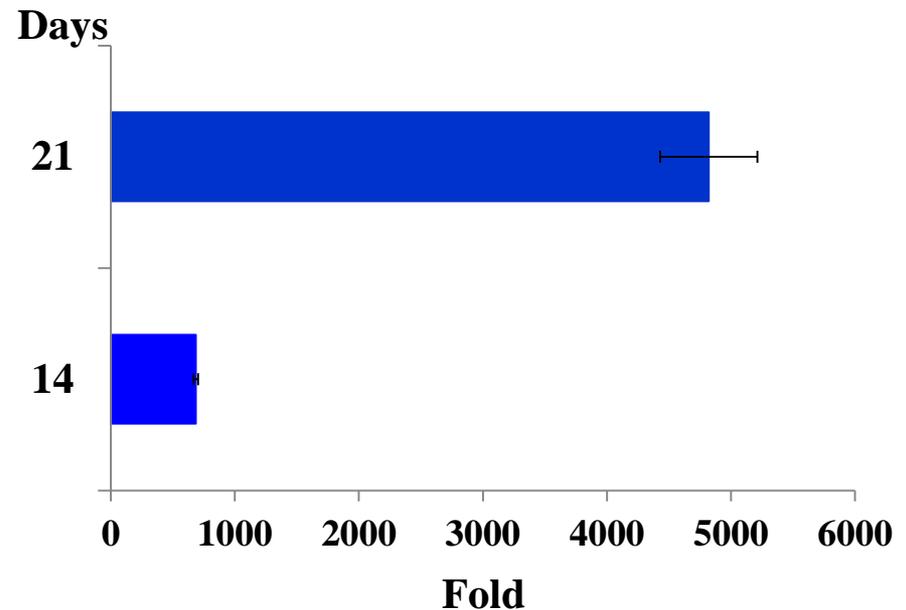
NK cells were expanded from peripheral blood mononuclear cells (PBMCs) using BINKIT[®]. CD3-CD56⁺ cells were enriched from 15.8% to 88.6%.

Ex vivo NK cell expansion using BINKIT[®]

Growth curve of NK cells

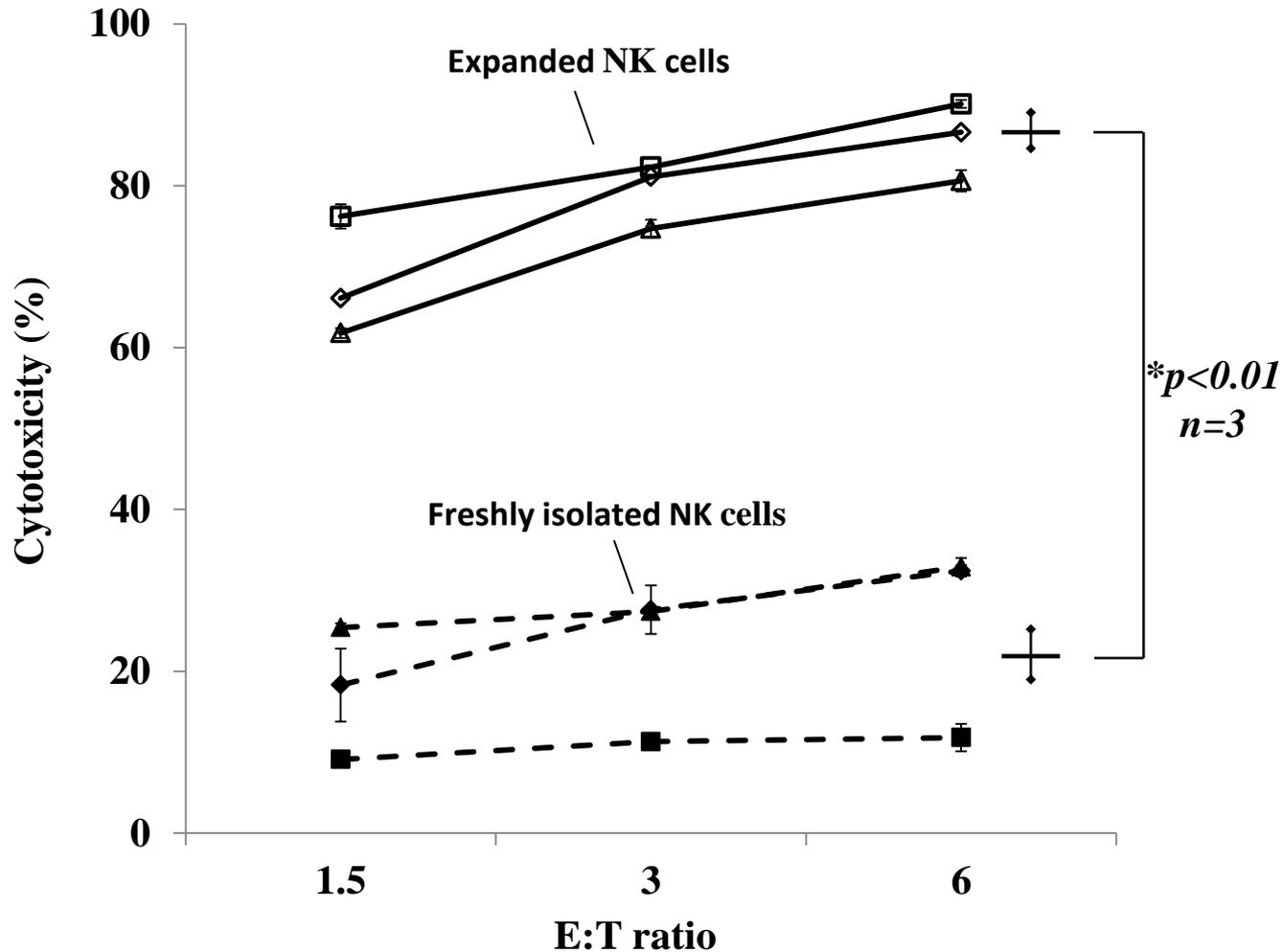


NK cell expansion



NK cells were expanded using BINKIT[®] from peripheral blood mononuclear cells (PBMCs) of healthy donors (HD; n=3). Cell count (left) and fold changes (right) indicate the efficient *ex vivo* expansion of NK cells.

Ex vivo NK cell expansion using BINKIT[®]



NK cell cytotoxicity against K562 cell line was measured for BINKIT-expanded NK cells (solid lines) and freshly isolated NK cells (dashed lines) from three independent donors. The expanded NK cells exhibited significantly enhanced cytotoxicity against K562 cell line compared with the freshly isolated NK cells ($P < 0.01$).