

DESCRIPTION

NS-27 Supplement without Vitamin A is a serum-free, chemically defined supplement without Vitamin A (retinyl acetate). The absence of vitamin A makes this medium ideal for the cultivation of neural progenitor and stem cells, either as neurospheres in suspension or in adherent monolayer culture, without inducing differentiation. NS-27 Supplement without Vitamin A is provided as a concentration of 50X liquid.

MAIN FEATURES

- Prevent the differentiation of cells since it is Vitamin A free.
- No animal derived element.
- Compatible to the other brand.
- Easy to make a complete medium with another basal medium.

MEDIA SIZE AND STORAGE CONDITION

Name	Concentration	Unit Size
NS-27 Supplement without Vitamin A	50x	10 mL

Storage: $\leq -20^{\circ}\text{C}$ in dark

Shelf-life: 12 months

APPLICATIONS

- Neuronal cells
- Stem cells
- Progenitor cells

PREPARATION A COMPLETE MEDIUM

Aseptically add 1part of NS-27 Supplement without Vitamin A (50x) into 49 parts of a basal medium before use. The final concentration of the NS-27 Supplement without Vitamin A is 2% (v/v) in the complete medium.

Note: 1) Remaining NS-27 Supplement without Vitamin A may be aliquoted into working volumes and stored at -20°C to -5°C . Thaw aliquots as needed. Do not freeze-thaw the Supplement more than twice. 2) Once supplemented, the complete medium is stable for up to one week when stored in the dark at 2°C to 8°C .

RELATED PRODUCTS

NS-27 Supplement (50x) (TBS8079)
 N-2 Supplement (100x) (TBS8081)
 Neuro Medium (TBS8082)
 DMEM/F12, HEPES(TBS8083)
 M2 Mouse Embryo Medium (TBS8070)
 KSOM Mouse Embryo Medium without AA(TBS8071)
 Human Tubal Fluid (HTF) Mouse Embryo Medium (TBS8072)
 Adipocyte Differentiation Cocktail (TBS8017)
 Chondrogenic Differentiation Medium (TBS8062)
 Human ES and iPS Complete Cell Medium (Chemically defined) (TBS8064)

For research use only.