

**DESCRIPTION**

NS-27 Supplement is a serum-free, chemically defined supplement to support the growth and viability of embryonic, post-natal, adult, hippocampal and other central nervous system (CNS) neurons. NS-27 Supplement is provided as a concentration of 50X liquid.

**MAIN FEATURES**

- Support cell growth and expansion
- No animal derived element.
- Compatible to the other brand.
- Easy to make a complete medium with other basal mediums.

**MEDIA SIZE AND STORAGE CONDITION**

Name	Concentration	Unit Size
NS-27 Supplement	50x	10 mL

Storage: ≤ -20 °C in dark

Shelf-life: 12 months

**APPLICATIONS**

- Neuronal cells
- Stem cells
- Progenitor cells
- Tumor cells from neuronal origin

**PREPARATION A COMPLETE MEDIUM**

Aseptically add 1part of NS-27 Supplement (50x) into 49 parts of a basal medium before use. The final concentration of the NS-27 Supplement is 2% (v/v) in the complete medium.

*Note: 1) Remaining NS-27 Supplement 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 without Vitamin A (50x) (TBS8080)

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.**