



NEUROBASE

Boost The Potential of
Your Neuronal Cells

NEUROBASE

Improved Cultivation for Neurobiology Research

Neuronal cells are used for a variety of applications across research, drug development, and therapeutic fields. Due to their unique and sensitive nature, maintaining healthy, functional neuronal cells in culture is a critical challenge in neurobiology research.

Capricorn Scientific offers a comprehensive suite of products specifically designed for an optimized culture environment. Our precisely balanced media and supplements support cell viability, network formation, and homogeneity of neuronal cells, also in long-term cultivation.

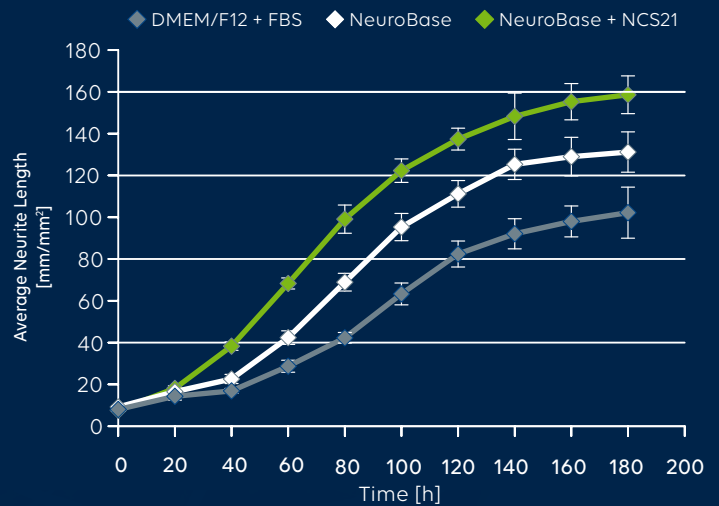


Fig. 1: Primary cortical neurons from mouse fetuses were cultured in the media indicated above. Neurite outgrowth was quantitatively determined by microscopic analysis.



**IMPROVE YOUR
NEURONAL CELL CULTURES
AND BENEFIT FROM:**

- Chemically defined & transmitter-free formulation
- Homogeneous culture with enhanced growth & viability
- Long- & short-term cultivation
- No feeder layer required

NeuroBase supports reliable and reproducible results in your neuronal cell culture experiments.



NEUROBASE PRODUCT LINE

Balanced Media and Supplements for All Neuronal Culture Types

NEUROBASE BASAL MEDIUM

Maximize viability and growth of fetal and prenatal neurons with NeuroBase Basal Medium, specifically formulated for primary cultures.

Due to the sophisticated selection of salts and trace elements, NeuroBase offers a low osmotic pressure environment, specially optimized for neuronal cell cultures.

NEUROBASE A BASAL MEDIUM

Maintain exceptional growth of postnatal and adult neurons, even in long-term cultures. NeuroBase A is suitable for primary cultures as well as neuronal cell lines, making it a culture medium with broad applications in research and development.

NCS21 SUPPLEMENT

Enhance the viability and function of your neuronal cells with NCS21 Supplement. This chemically defined product is highly optimized and builds upon the formulation of B-27™ supplement* (Chen et al., 2008), enriched with valuable, high-quality vitamins, hormones, and growth factors, including insulin and transferrin.

N2 SUPPLEMENT

Boost neurite outgrowth and promote optimal neuronal growth with N2 Supplement. This chemically defined additive is based upon Bottenstein's N2 formulation and suitable for both neuroblastoma cell lines and primary cultures.

*(B-27™ is a registered trademark of Southern Illinois University. No association, sponsorship or affiliation is implied herein.)

PRODUCT	VOLUME	CAT. NO.
NeuroBase Basal Medium for Prenatal and Fetal Neuronal Cells w/o L-Glutamine	500 ml	NEU-500ML
NeuroBase A Basal Medium for Postnatal and Adult Neuronal Cells w/o L-Glutamine	500 ml	NEUA-500ML
NCS21 Neuronal Supplement (50x) Serum-free	10 ml	C21-H
NCS21 Neuronal Supplement (50x) Serum-free, w/o Vitamin A	10 ml	C21-XV-H
N2 Supplement (100x) Serum-free	5 ml	N2-K

ORDERING INFORMATION

Tel.: +49 6424 944 64 0
 Fax: +49 6424 944 64-20
info@capricorn-scientific.com
www.capricorn-scientific.com



WHY US?



Fast and Efficient
Order Processing



Customer-Oriented
Product Flexibility



Your Partner in
Cell Culture



Capricorn Scientific GmbH
Auf der Lette 13 A
35085 Ebsdorfergrund
Germany

Tel.: +49 6424 944 64 0
Fax: +49 6424 944 64-20

info@capricorn-scientific.com
techservice@capricorn-scientific.com

www.capricorn-scientific.com

