

EL837 Serum-Free Medium

For culture of human lymphocyte



ELM-1000 / ELMGMP-1000
1000ml
Protect from light
Store at 2-8°C

DMF APPLYING

**Xenogeneic
Free**

**High
Performance**

**Chemically
Defined**

EL837 is an excellent and professional medium for human lymphocyte induction and expansion.

Xeno-free and chemically-defined composition brings EL837 as a safe, stable and superior material for research, further in clinical application.

Fully functional lymphocytes induced or expanded by EL837 will be more efficient in further application and analysis.

Optimized expansion of human lymphocyte

Best choice for NK, CIK, T cell

Product Information

Cat.# ELM-1000 (RUO) / ELMGMP-1000 (GMP)
Spec. 1000 ml/bottle
Optimal for human lymphocytes culture

Demonstration

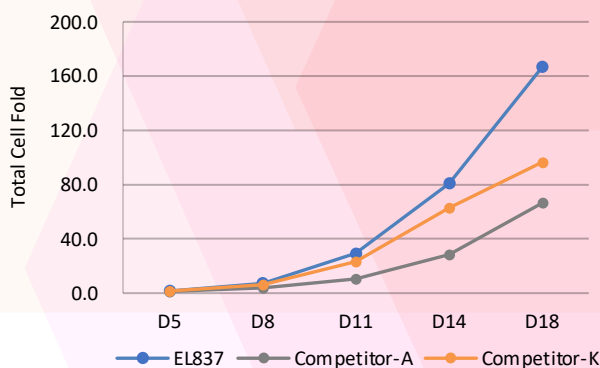
1. No human albumin, transferrin, insulin or other products contained.
2. Add 5-10% auto serum or substitution (3-5% EliteGro-Adv.) in cell culture.
3. Add IL-2 into complete medium with appropriate concentration at least 500 U/ml.
4. Seeding lymphocyte density between $0.5-2 \times 10^6$ /ml.



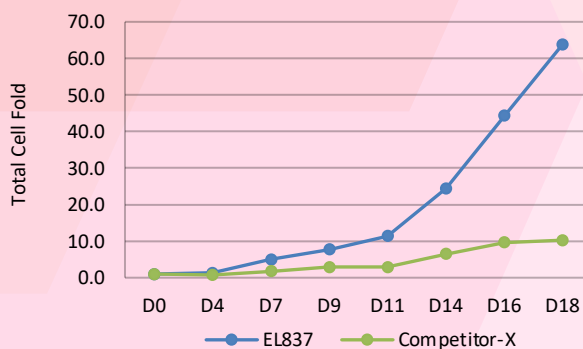
Key performance with adult human PBMC derived lymphocytes

- EL837 medium has superior results in total cells expansion folds.
- CIK and NK expanded by EL837 have high cytotoxicity.

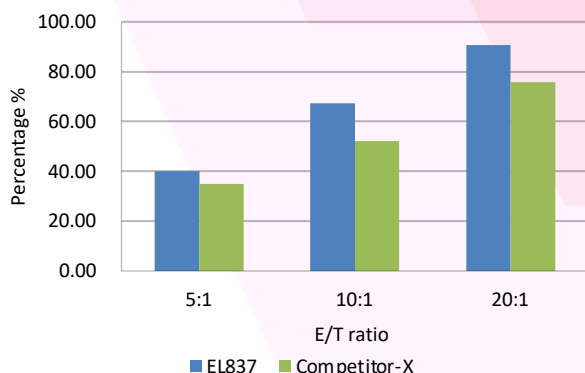
T Cell Proliferation



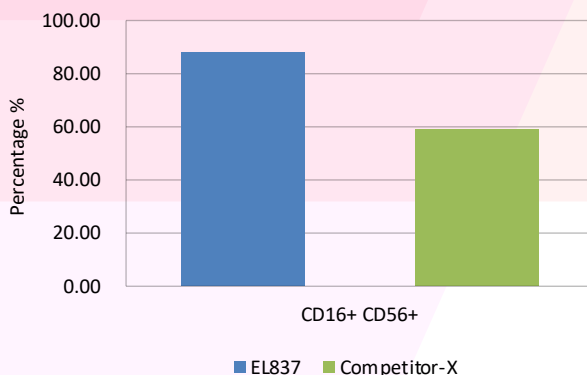
T Cell Proliferation



T Cell Cytotoxicity at Day 14



NK Cell CD16+ (Cytotoxicity) at D14



Reference:

A robust platform for expansion and genome editing of primary human natural killer cells.
RS Huang, MC Lai, HA Shih, S Lin 2021. J. Exp. Med. 2021 Vol. 218 No. 3