

XoGlo[®] by Kimera Labs



XoGlo by Kimera Labs is a purified (MSC) derived exosome product that contains a multitude of Growth Factors, Cytokines, Messenger RNA, and Micro-RNA.

MSCs are the youngest progenitor cells of the connective tissue lineage and are responsible for the origin of skin, hair, bone, muscle, cartilage, etc. XoGlo is an acellular isolate of MSC exosomes that have been cultured in a xeno-free environment. A proprietary sterile filtration process is completed then the concentrated product is resuspended in [0.9%] normal saline. XoGlo is stored in the lab at -80°C but can be stored in the office at -20°C.

Kimera Exosomes Contain

- **Growth Factors:** XoGlo contains a multitude of notable growth factors including TGFB3, VEGF, EGF, PIGF, IGFBP1-6, HGF.
- **Messenger RNA:** The blueprint for Amino Acid and Protein production, mRNA from MSC Exosomes carry the sequencing for growth factors and proteins that are present in the new born cells from which they originate.
- **Micro-RNA:** miRNA are non-coding strands of RNA that regulate gene expression and protein production.

Contact for Orders

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866-590-5533

Visit KimeraLabs.com for more information about XoGlo.

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Advantage of Young Progenitor Cells

As we age, the number and function of the MSCs in the tissue declines sharply. Aged autologous progenitor cells produce about 30% of the cytokines and significantly different miRNAs compared to perinatal MSCs. This substantial difference in secretome confers a significant advantage of perinatal MSC exosomes over autologous or allogeneic progenitor cells.

Advantages of Using Cell Culture Method to Create XoGlo

- **Safety:** The use of cell cultures allows XoGlo to be tested before, during, and after production ensure quality and safety standards are met.
- **Reproducibility:** MSC cultures are created in order to have a consistently reproducible product for FDA evaluation. Companies marketing exosomes from fresh tissue products cannot possibly claim the same reliability.
- **Future Options:** The development of disease specific exosomes off the current cell culture platform is possible. Disease specific exosome development is not possible with fresh tissue products.

Convenience

Formats & Concentration

1ml@1 Billion/ml	XOGLO PRO 3X concentration
2ml@1 Billion/ml	1ml@ 3 Billion/ml
5ml@1 Billion/ml	5ml@ 3 Billion/ml

1 ML of XOGLO standard concentration is equivalent to the output of 2 million validated placental MSCs over the course of 2 days in our proprietary production schema.



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