

ACTIVATE

Activate Placentar-Derived Allogranis comprised of the amniotic and chorionic membranes, and includes the intermediate (spongy) layer of the placenta. This product is designed as an innovative solution to serve a sabarrier or wound coveracross a spectrum of clinical needs. Leveraging the structural and biochemical properties of placental tissue, Activate of each or chronic wound applications.

PLACENTAL TISSUE

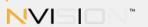
Placental tissue, previously considered biologic waste following delivery, is a pristine newly formed extracellularmatrix(ECM)toprotectandsupportfetaldevelopment. Therefore, this tissue represents an untainted extracellular matrix.....essentially a neomatrix.

DESCRIPTIONS OF LAYERS

Broadly, placental tissue includes an internal or fetus facing amnion and an external or maternal facing chorion. The physical andbiochemical propertiesofthe two primarymembranes are subtly different owingtothe position they occupy in the placenta. The amnion is a thinner yet more compact layer of extracellular matrix while the chorion is aslightly thickerbutless compactmatrix. Both layersare constituted of collagen fibers (predominantly Types I, III, IV and V), along with other ECM proteins (including laminin, fibronectin, proteoglycans and hyaluronic acid).

SAFETY

Donated tissues for Activate[™] products are collected from fully consented mothers undergoing full term c-sections. Each donor is screened according to the strict standards required by the U.S. Food and Drug Administration and the American Association of Tissue Banks. Further, Activate[™] Placental-Derived Allograft products undergo a validated terminal sterilization process to help ensure these products are safe. All donated tissue is obtained in partnership with FDA regulated and accredited recovery organizations. Additional details of screening procedures can be found in the product package insert or Instructions for Use.





PRODUCT SUMMARY

Activate™ Placental-Derived
Allograft products are minimally
manipulated and dehydrated
and are derived from human
amniotic and chorionic
membranes and includes the
intermediate (spongy) layer of
the placenta. Activate™ allograft
tissues retain the structural and
functional characteristics of the
starting placental membranes.
The final products are packaged
in different sizes and verified
to be terminally sterilized to a
10-6 SAL.



INSTRUCTION FOR USE

Activate™ Placental-Derived
Allograft (361 HCT/Ps) are
intended as a natural biologic
wound covering or skin
substitute for cutaneous
wounds. Use of Activate™
Placental-Derived Allograft
by qualified health care
professionals is for application
in a physician office, outpatient,
or inpatient setting.



ORDERING INFORMATTION

Activate[™] tissue is available in the following sizes for a variety of choices depending on the patient and circumstance: Product HCPCS Level II code Q4301, Activate[™] Matrix, per square centimeter.

PRODUCT SKU: PRODUCT SIZE: ACT-27222 2 X ACT-27224 2 2 ACT-27244 X 4 ACT-27248 4 X 4 4

REFERENCES:

1.H.Niknejad, H. Peirovi, M Jorjani, et al, "Properties of the Amniotic Membrane for Potential Use in Tissue Engineering", Eur Cell Mater, vol. 15, pp 88-99, 2008.

2. A. Roy, M. Mantay, C. Brannan, and S.

Griffiths, "Placental Tissues as Biomaterials in Regenerative Medicine" BioMed Research International, vol. 2022, pp. 1-26, 2022.

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