

CnT-AG2

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CnT-AG2 VitroAge Keratinocyte Aging Medium

VitroAge medium (CnT-AG2) is specifically designed to age epidermal keratinocytes over several passages, without the need for artificial pro-aging treatments such as peroxide.

SPECIES	Developed for human keratinocytes. May be used for other species as well (not yet tested).
TISSUE TYPE	Epithelia
PACK SIZE	500 mL medium bottle, provided frozen. No further additives required.
PRODUCT USE	Developed specifically to age keratinocytes over several weeks in culture. Keratinocytes should be growing in CnT-Prime medium prior to switching to CnT-AG2 medium. For proper cell recovery and efficient cell pelleting during passaging, additional protein (such as BSA) must be added to the medium during centrifugation. For more details, please see the corresponding aging protocol in the resources section of www.cellntec.com
MEDIA TYPE	Aging
DEFINED	Yes
ACF	No
CULTURE CONDITION	This medium is designed for use in a 5% CO ₂ atmosphere. For suggested cell culture protocols, please see our resources section.
NOTE	For routine cell cultivation, CELLnTEC recommends to work without antibiotics / antimycotics.
STORAGE / SHELF LIFE	Store frozen below -15 °C. For best before date, see label. To prepare medium for use, thaw in a water bath set to room temperature. Do not use higher temperatures. Swirl frequently, approximately every 20 min, to ensure good mixing of the ingredients and temperature equilibration. Stop at melting of the last bit of ice to prevent warming at the end of the thawing process. Once thawed, medium has a remaining shelf-life of 6 weeks when stored at 4 °C in the dark. Certain culture media components are very sensitive to light. Minimize light exposure at all times.
QUALITY CONTROL	Media functionality and cell morphology tested by cell cultivation over 2 passages in supplemented medium. Osmolality, pH and concentration of various ions are tested. Free of bacteria, fungi and mycoplasma contamination.
SHIPPING CONDITION	Shipped frozen.
INTENDED USE	For research use only. Not for use in therapy or diagnostics.
LAST UPDATE	2021-01-01