

CnT-30-HC

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CnT-30 iPSC Epithelial Differentiation Medium, Higher Certified

CnT-30-HC is a clinically ready, chemically defined and animal component-free liquid culture medium kit for differentiation of human iPSC and ESC down corneal and epidermal epithelial lineages.

TISSUE TYPE	IPSC
PACK SIZE	<p>CnT-30-HC is a 500 mL kit consisting of:</p> <ul style="list-style-type: none"> • CnT-BM.1-HC: 500 mL CnT Basal Medium 1 (liquid) • CnT-30.S-HC: pack of 2 supplement tube (Supplements A, and B; delivered frozen; to be added to 500 mL basal medium prior to use)
PRODUCT USE	Differentiation of human ESC and iPSC down epithelial lineages
MEDIA TYPE	2D-Diff
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	<ul style="list-style-type: none"> • CnT-BM.1-HC basal medium: Store at 4°C in the dark. For expiry date, please see label on bottle. Please do not freeze. • CnT-30.S-HC supplements: Store at -20°C. For expiry date, please see label on tube and in bag. • The complete medium (basal medium supplemented with the corresponding supplements) must be stored at 4°C in the dark. Storage in this manner will provide a minimum shelf life of 6 weeks. <p>Important: The quality of cell culture media is rapidly degraded by light. Store in the dark and minimize all light exposure during handling.</p>
QUALITY CONTROL	Media functionality and cell morphology tested by cell cultivation over 3 passages in supplemented medium. Tested for osmolality, pH, stability, endotoxins, mycoplasma and concentration of various ions.
SHIPPING CONDITION	<ul style="list-style-type: none"> • CnT-BM.1-HC basal medium is shipped at ambient temperature. • CnT-30.S-HC supplements are shipped frozen.
INTENDED USE	For research use only. Not for use in therapy or diagnostics.
LAST UPDATE	2021-04-01