

# Cell Disease Models

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PromoCell offers a large selection of cell donors with known disease status suitable for drug discovery and research applications.

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Our diseased cells feature the same specifications and undergo the same rigid quality control tests as their healthy counterparts from our human primary cell portfolio:

- Marker characterization
- Growth performance
- Morphology testing etc.



## Respiratory Diseases (COPD I-IV, Asthma)

- Bronchial Epithelial Cell (HBEpC)
- Small Airway Epithelial Cells (HSAEpC)
- Bronchial Smooth Muscle Cells (HBSMC)
- Pulmonary Fibroblasts (HPF)



## Cardiomyopathy and Hypertension

- Cardiac Myocytes (HCM)
- Human Cardiac Fibroblasts (HCF)
- Human Cardiac Microvascular Endothelial Cells (HCMEC)



## Diabetes Type I and II

- Cardiac Myocytes (HCM)
- Human Cardiac Fibroblasts (HCF)
- Human Cardiac Microvascular Endothelial Cells (HCMEC)
- Preadipocytes (subcutaneous HWP)
- Aortic Smooth Muscle Cells (HAoSMC)
- Aortic Endothelial Cells (HAoEC)
- Coronary Artery Smooth Muscle Cells (HCASMC)
- Coronary Artery Endothelial Cells (HCAEC)
- Human Dermal Microvascular Endothelial Cells (HDMEC)
- Human Dermal Lymphatic Endothelial Cells (HDLEC)
- Human Dermal Blood Endothelial Cells (HDBEC)
- Normal Human Epidermal Keratinocytes (NHEK adult)
- Normal Human Dermal Fibroblasts (NHDF adult)
- Normal Human Epidermal Melanocytes (NHEM M3 adult)

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All diseased cell types can be cultured using our matching growth media to ensure optimal growth performance for your experiments.

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## Advantages

- All diseased cell types are cryopreserved at the end of the first passage after tissue isolation (with the exception of HCAEC, which are cryopreserved after the second passage)
- Verified cell identity by cell marker expression and morphology
- Tested cell growth performance and morphology during several passages for each lot
- Flexible cell lot/donor reservations

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## Discover more

Visit: [promocell.com/specific-donor-cells/disease-cell-models/](https://promocell.com/specific-donor-cells/disease-cell-models/)

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## Contact Us

Do you need diseased donors (e.g. diabetes, myopathies) or cells from an already HLA-typed donor? Contact us and let us know your donor requirements: [info@promocell.com](mailto:info@promocell.com)

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