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## Human Mesenchymal stem cells products

Product name	Size	Price, GBP
hMSCs from adipose tissue (hADSCs)	1 million/vial	£ 338
hMSCs from placenta (hPSCs): from Chorion Villi	1 million/vial	£ 353
hMSCs from placenta (hPSCs): from Amnion	1 million/vial	£ 338
hMSCs from umbilical cord (hUC-MSCs)	1 million/vial	£ 360
hMSCs from endometrium (hEMSCs)	1 million/vial	£ 420
hUCAs-MSCs Human Umbilical Cord Artery MSCs	1 million/vial	£ 420
human Dermal Fibroblasts (hDFBs)	1 million/vial	£ 398
<b>Per request</b>		
hMSCs from bone marrow (hBM-MSCs)	1 million/vial	£ 697

### Product Quality Control:

Rigid quality control testing is performed for each batch (both cell donors and cell cultures). Cultured cells are tested for cell identity, purity, potency, viability and suitability for the intended use.

Before cryopreservation cultured MSCs (P2-P3) are characterised by flow cytometry analysis for identity by a comprehensive panel of markers [CD73/CD90/CD105 (positive) and CD14/CD34/CD45/HLA-DR (negative)] as proposed by the ISCTMSC committee position statement, 2006.

A multilineage differentiation assay into adipogenic and osteogenic directions is performed for each MSCs batch expanded in vitro. In addition, all donors and cell cultures have been screened for the absence of the following infectious agents: HIV-1/2, HBV, HCV, HSV1, HSV2, CMV, EBV, HHV6, Treponema pallidum, Toxoplasma gondii, Chlamydia trachomatis, Ureaplasma urealyticum, Ureaplasma parvum and microbial contaminants (bacteria & fungi, Mycoplasma hominis and Mycoplasma genitalium).

MSC cultures' genetic stability is verified by karyotype evaluation (GTG banding).

Passage Number: P2-4.

Register your interest or ask questions email us at [tech@nktscientific.com](mailto:tech@nktscientific.com)

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