

MIO-M1 cells

Spontaneously immortalized human Müller glia cell line

Cells grow indefinitely under adherent conditions in the presence or absence of extracellular matrix proteins. Optimal medium for cell growth: DMEM medium containing high glucose and stable glutamine, supplemented with 10% foetal bovine serum.

Under normal culture conditions, MIO-M1 express markers of mature Müller cells, including cellular retinaldehyde binding protein [CRALBP], glutamine synthetase, vimentin and epidermal growth factor receptor-[EGF-R].

The cells are **NOT** intended for *Stem cell Research*.

Size: Cells are shipped growing in 25cm² flasks.

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Acknowledgement

The following statementFull acknowledgement of the source of the MIO-M1 cells must be given in all relevant publications and presentations of research results.

The following statement must be included in all publications and the accompanying reference must be cited:

'The human Müller cell line Moorfields/Institute of Ophthalmology- Müller 1 (MIO-M1) was obtained from the UCL Institute of Ophthalmology, London, UK.'

The reference is:

'Limb GA, Salt TE, Munro PMG, Moss SE and Khaw PT. (2002) In vitro characterization of a spontaneously immortalized human Müller cell line (MIO-M1). *Investigative Ophthalmology and Visual Science*, 43: 864-869'

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