



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 statement must be included in all 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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