Pericyte media

Instruction manual

Product	Size	Catalog number
Pericyte Growth Medium 2 (Ready-to-use)	500 ml	C-28041
Pericyte Growth Medium 2, phenol red-free (Ready-to-use)	500 ml	C-28042

Recommended for

- Human Pericytes

Product description

Our Pericyte Growth Media 2 have been developed for the isolation and *in vitro* expansion of human pericytes from all tissues. The media (Ready-to-use) consist of a 500 ml bottle of basal medium and one vial of SupplementMix.

Adding the SupplementMix to the basal medium results in the complete growth medium.

Supplementation details

The Pericyte Growth Media 2 contain all components necessary for the optimal growth of human pericytes. Our Pericyte Growth Media 2 do not contain antibiotics or antimycotics and is formulated for the use in an incubator with an atmosphere of 5% CO_2.

Preparation of the supplemented medium for use

Thaw the SupplementMix in a 37°C water bath with occasional swirling. Do not incubate longer than necessary. In case of visible precipitates after complete thawing, mix gently until all precipitates have re-dissolved. Then, transfer the entire content of the SupplementMix to the basal medium. Close the bottle and swirl gently until a homogenous mixture is formed.

Pericyte subculture

For routine subculture of pericytes the use of Accutase (C-41310) is recommended with all Pericyte Growth Media 2.

Storage and stability

Store the basal medium at 4–8°C in the dark and the SupplementMix at -20°C immediately after arrival. Do not freeze the basal medium. If stored properly, the products are stable until the expiry date stated on the label. After the supplements are added to the basal medium, store at 4–8°C and use within 6 weeks. Do not freeze the complete medium.

For use, pre-warm only an aliquot of the complete medium and keep the remaining medium refrigerated at 4–8°C.

Quality control

All lots of PromoCell Pericyte Growth Media 2 are subjected to comprehensive quality control tests using primary human placenta-derived pericytes. Each lot of Pericyte Growth Media 2 is checked for growth promoting activity and for the absence of microbial contaminants (fungi and bacteria). For details see lot specific Certificate of Analysis.

Intended use

The product is for *in vitro* use only and not for diagnostic or therapeutic procedures. For safety precautions please see appropriate MSDS.

If you require special media modifications, we offer a custom media service starting at 10 bottles per order.
Contact us at info@promocell.com to find out more.

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