

iLite® C5a

ASSAY READY CELLS

The *iLite*® C5a cell-based functional assay combines our expertise in complement system biology with our long experience and knowhow in cell-based assays.

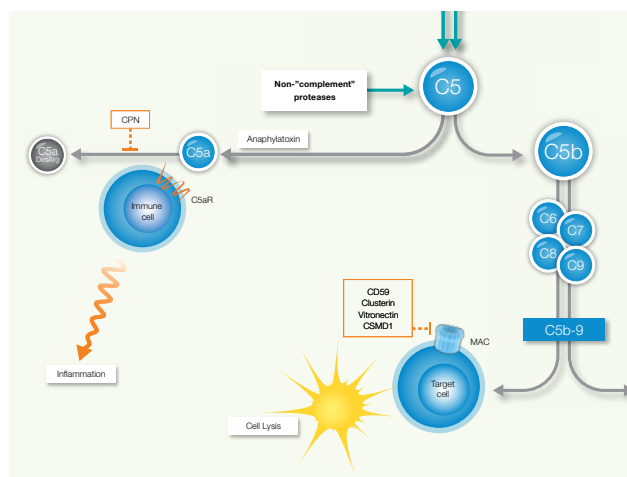
The complement system is a key component of the innate immune system and plays an important role in defending the body against infection. However, deficiencies or overactivation can instead cause harm to the body, which has made the complement system a promising target for therapeutics.

There is great interest in developing additional C5 inhibitors, as this protein appears to play a role in rheumatoid arthritis (RA). C5a is of special interest as it accumulates in the joints and blood of RA patients.

The development of new anti-C5a and anti-C5a receptor drugs require a good model that closely resembles the environment of the body. Our new C5a iLite assay offers a fast and accurate cell-based assay, ideal for use in the development of such therapeutics.

The *iLite*® assay is ideal for potency measurements of anti-C5a candidate drugs. It can be used to study C5a, receptor C5aR1 and their interactions in test samples, including human serum. In addition, it can be used to measure the effects of other small-molecule C5a antagonists.

The *iLite*® C5a reporter-gene assay comes in an assay-ready format, which translates to a fast, streamlined work process with low variability.



iLite® C5a Assay Ready Cells

Product code	BM4075
Format	Assay Ready Cells
Application	The <i>iLite</i> ® C5a Assay Ready Cells can be used for the quantification of C5a activity, or neutralizing antibody response against C5a in test samples, including human serum. Application Notes for the following assays are available: <ul style="list-style-type: none"> Quantification of functional C5a (LABEL-DOC-0510) Quantification of C5aR inhibitor activity (LABEL-DOC-0511)
Incubation time	Drug Assay 5 hours
Detection system	Luminescence
Availability	Research Use Only (RUO)*

*These products are intended for professional research use only. The data and results originating from using the products, should not be used either in diagnostic procedures or in human therapeutic applications.

In accepting delivery of *iLite*® Assay Ready Cells the recipient agrees not to sub-culture these cells, attempt to sub-culture them or to give them to a third party, and recipient is only to use them directly in assays. The *iLite*® cell-based products are covered by patents which are the property of Svar Life Science AB and any attempt to reproduce the delivered *iLite*® Assay Ready Cells would constitute an infringement.

Svar Life Science AB

T +46 40 53 76 00
E info@svarlifescience.com
W www.svarlifescience.com

Svar
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