

Human MMP Antibody Array - Membrane (10 Targets) ab134004

14 References **画像数 5**

製品の概要

製品名	Human MMP Antibody Array - Membrane (10 Targets)
サンプルの種類	Cell culture supernatant, Saliva, Milk, Urine, Serum, Plasma, Cell culture extracts, Other biological fluids, Whole Blood, Tissue Extracts, Cell Lysate, Cell culture media
アッセイタイプ	Semi-quantitative
種交差性	交差種: Human
製品の概要	ab134004 is for simultaneous detection of 7 Human MMPs and 3 TIMPs. Suitable for all sample types.

Targets: MMP-1, MMP-2, MMP-3, MMP-8, MMP-9, MMP-10, MMP-13, TIMP-1, TIMP-2, TIMP-4

Antibody arrays are an antibody-pair-based assay, analogous to ELISA, but using a membrane as a substrate rather than a plate. Capture antibodies are supplied arrayed/spotted on a membrane with each pair of spots representing a different analyte. Sample is added (0.2-1ml of 1 sample to each membrane), and then paired biotinylated detector antibodies and streptavidin HRP. The antibody array is analyzed using the same methods as a chemiluminescent western blot. Comparison between samples can be by eye or using densitometry software for a semi-quantitative comparison.

Learn more about membrane antibody arrays

特記事項 If you are interested in this antibody array, array **ab169816** may also be of interest.

A table of human antibody membrane arrays and the analytes they measure is available [here](#).

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アプリケーション **適用あり:** Multiplex Protein Detection

製品の特性

保存方法

Store at -20°C. Please refer to protocols.

内容	1 x 4 Membranes	1 x 8 Membranes
1,000X HRP-Conjugated Streptavidin	1 x 50µl	1 x 50µl
20X Wash Buffer I	1 x 10ml	1 x 20ml
20X Wash Buffer II	1 x 10ml	1 x 20ml
2X Cell Lysis Buffer	1 x 10ml	1 x 16ml
8-Well Incubation Tray (with Lid)	1 unit	1 unit
Biotin-Conjugated Anti-Cytokines	2 vials	4 vials
1X Blocking Buffer	1 x 25ml	2 x 25ml
Cytokine Antibody Array Membranes	4 units	8 units
Detection Buffer C	1 x 1.5ml	1 x 2.5ml
Detection Buffer D	1 x 1.5ml	1 x 2.5ml

アプリケーション

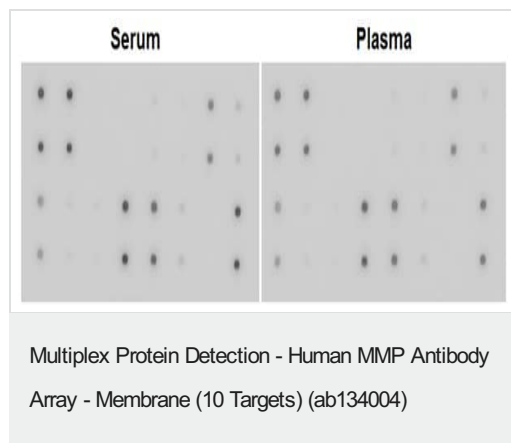
The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab134004の使用に適用されます

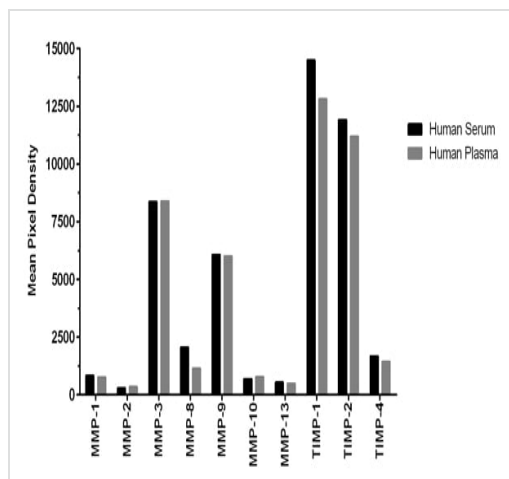
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Multiplex Protein Detection		Use at an assay dependent concentration.

画像

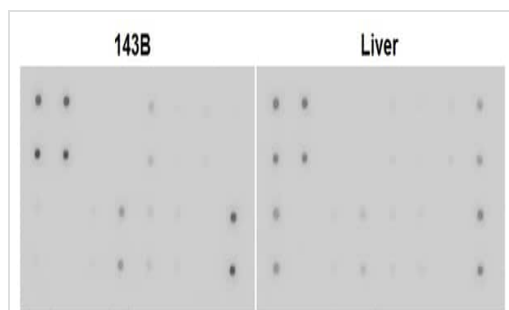


Human serum and plasma from a pooled donor (n=50) sample was diluted to 25% and assayed using ab134004.



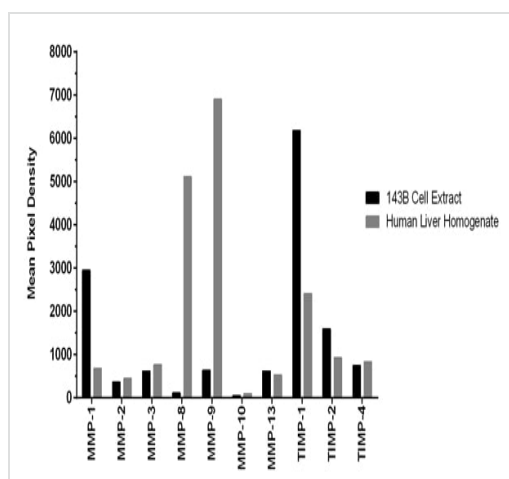
Quantification of Human MMP Antibody Array

Human serum and plasma from a pooled donor (n=50) sample was diluted to 25% and assayed using ab134004. Mean pixel density was quantified using CCD camera software analysis.



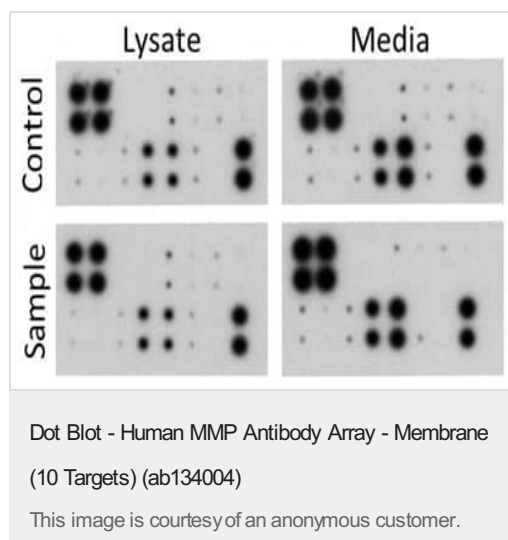
Multiplex Protein Detection - Human MMP Antibody Array - Membrane (10 Targets) (ab134004)

143B cells (Human osteosarcoma) were seeded at 1×10^6 cells/mL and cultured in EMEM media supplemented with 10% fetal calf serum, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. Cells were cultured for 48 hours, washed and harvested. Cell and tissue extracts were prepared and 250 µg of total protein was assayed using ab134004.



Quantification of Human MMP Antibody Array

Cells were cultured for 48 hours, washed and harvested. Cell and tissue extracts were prepared and 250 µg of total protein was assayed using ab134004. Mean pixel density was quantified using CCD camera software analysis.



Membranes were probed with media and cell lysate from control and treated MCF-7 cells. These membranes were exposed to film for 1 minute.

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