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HuProt (CSF)

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Protocol status: Working

We use this protocol and it's working

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Abstract

Screening CSF for autoantibodies by HuProt v4.0

Materials

 Bovine Serum Albumin (IgG-Free, Protease-Free) **Jackson ImmunoResearch Laboratories, Inc. Catalog #001-000-161**

 TWEEN 20 **Merck MilliporeSigma (Sigma-Aldrich) Catalog #P7949**

 Alexa Fluor® 647 AffiniPure™ F(ab)₂ Fragment Goat Anti-Human IgG, Fcy fragment specific **Jackson ImmunoResearch Laboratories, Inc. Catalog #109-606-098**

 Cy™3 AffiniPure™ Goat Anti-Human Serum IgA, α chain specific **Jackson ImmunoResearch Laboratories, Inc. Catalog #109-165-011**

Protocol materials

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Run CSF on HuProt array

- 1 Follow the general HuProt microarray protocol.

Protocol

NAME

General HuProt microarray protocol [Nicole Lee]

CREATED BY

Nicole Lee

Preview

Protocol-specific parameters:

- For **Steps 1, 19, and 21**, the secondary antibodies are:

1. AlexaFluor 647-cinjugated AffiniPure F(ab')₂ Fragment Goat-Antihuman IgG (Catalog number: 109-606-098)

Alexa Fluor® 647 AffiniPure™ F(ab)₂ Fragment Goat Anti-Human IgG, Fcy
⊗ fragment specific **Jackson ImmunoResearch Laboratories, Inc. Catalog #109-606-098**

2. Cy3-conjugated AffiniPure Goat-Antihuman Serum IgA (Catalog number: 109-165-011)

⊗ Cy™₃ AffiniPure™ Goat Anti-Human Serum IgA, α chain specific **Jackson ImmunoResearch Laboratories, Inc. Catalog #109-165-011**

- For **Steps 2 and 4**, the sample is 1 mL CSF
- NOTE for **Step 9**, ***Never allow HuProt microarray slides to dry out during this protocol until drying step.***