

QuickGuide

IsoQuick™ Strips for Mouse Monoclonal Isotyping

More detailed information and a complete product use guide are available at www.enviroligix.com/isoquick

Sample & Dilution:

Ascites	Cell Culture Supernatant	Purified Antibody
Recommended dilution is 1:10,000 to 1:100,000	Can be run "as is," without dilution	Dilute the sample to 0.1 - 4 µg/mL in PBS

Transfer sample to reaction vial (0.5 mL autoanalyzer cups are recommended)

Instructions:

1. Place appropriate amount of sample in reaction vial
2. Insert IsoQuick Strip (arrows down)
3. Wait 5 minutes
4. Read the results

See the reverse to find out how to run any combination of strips in the same sample; customize your testing protocols to match your needs exactly! ▶▶▶▶

Test Interpretation:

The Control Line indicates the test has functioned properly.

To retain strips for documentation, cut the tail pad from strip at the end of the reaction time.

IgG Strip
Control
IgG1
IgG2a
IgG2b
IgG3
cut here

IgA/M Strip
Control
IgA
IgM
cut here

K/L Strip
Control
Kappa
Lambda
cut here

Only one Test Line should develop per strip.

Each kit comes with a quick reference card for interpreting the results, plus the isotype classes, subclasses or lightchains are listed in order on their label (bottom to top) to help identify which is present.

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Using multiple IsoQuick Strips to customize your testing

Because they are separated in a meaningful way, IsoQuick Strips can be used singly, in any combination, or all together for a complete isotype-heavy chain-light chain panel. Testing for characteristics that do not matter to you just results in waste and added expense. Use IsoQuick Strips to match your testing needs and maximize your testing dollar.

Easy as



Sample should be no deeper than 1.5 cm

1



2



or

3



SAMPLE VOLUME*	150-300 µL total	200-300 µL total	300 µL total
Cell Supernatant		No dilution necessary	
Ascites		Dilute 1:10K to 1:100K	
Purified Antibodies		Dilute 0.1-4.0 µg/mL	

* when using the recommended 0.5 mL autoanalyzer vial

A variety of test vials may be used, as long as:

- the volume of liquid is sufficient to flow up the strip(s), and
- the depth of the sample doesn't exceed 1.5 cm, no deeper than the backs of the arrows.