



Maximize Cell Line Potential with the Media Survey Panel

IDENTIFY THE PERFECT MEDIA PAIR AND PROCESS

Find the Perfect Pair of Growth & Feed Formulas to Maximize Performance

The Media Survey Panel: A personalized compilation of advanced cell culture formulations

Collaboration and support	<ul style="list-style-type: none">• Partnership with your dedicated FUJIFILM Irvine Scientific R&D team• Unrivaled cell culture expertise and extensive media library research and development• Evaluation and confirmation of goals and objectives prior to prescription of custom sample selection
Spectrum of quality, proven media	<ul style="list-style-type: none">• Comprehensive library of off-the-shelf, made-to-order, and GMP-ready prototype media• Different media samples for various responses, based on your capacity and requirements• Powder and liquid media formulated for scalability, quality, and process consistency
Clear, concise plan of action	<ul style="list-style-type: none">• Customized, comprehensive instructions to evaluate your custom media panel for improved growth, productivity, and quality
Rapid turnaround time	<ul style="list-style-type: none">• Panels shipped to you as soon as 10 business days—the fastest turnaround time industry-wide

Support at every step

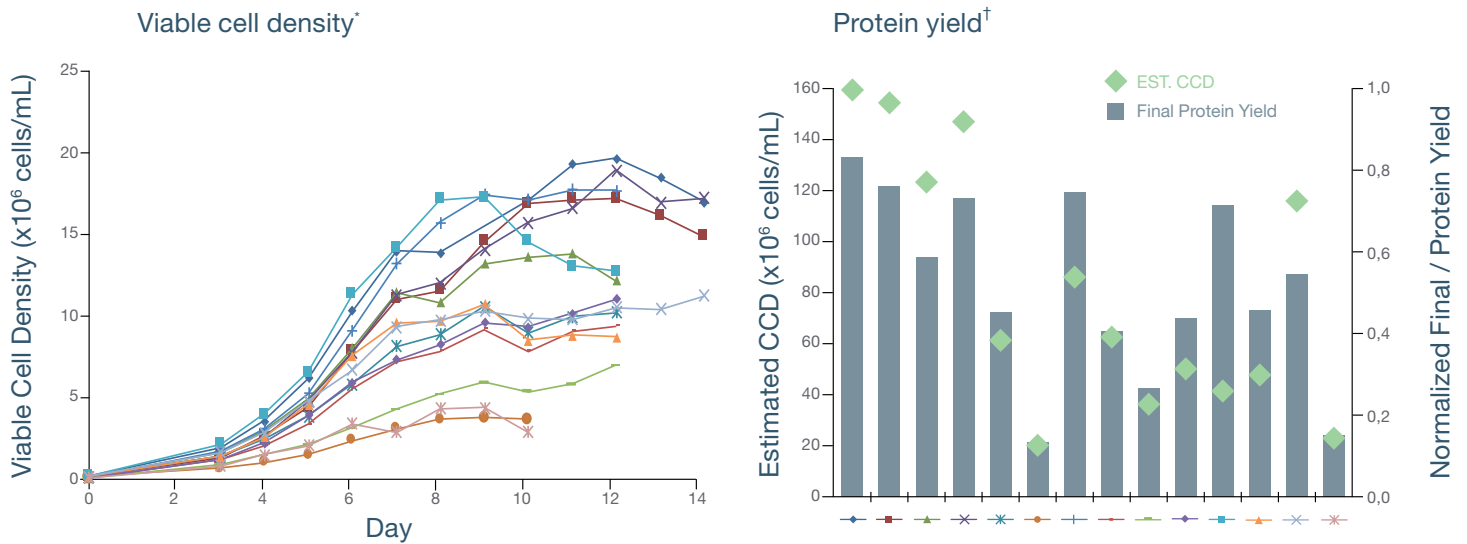
For cell lines that require further customization, FUJIFILM Irvine Scientific offers additional support:

- Custom Media Optimization
- Complete Media Development



Diverse Formulas Accommodate Every Need

A customized selection of diverse media for different cell line requirements



A diverse selection of media compared to commercially available options

Condition	Normalized Final Yield	Est. CCD	%Man5	%Galactosylation
Media Panel Pair 1	1.00	134.0	7.2	16.8
Media Panel Pair 2	0.97	122.3	5.8	22.5
Media Panel Pair 4	0.93	116.9	3.6	19.9
Media Panel Pair 3	0.78	94.3	5.1	29.4
Supplier Pair 3	0.73	87.8	7.7	30.8
Media Panel Pair 7	0.54	119.7	8.7	18.6
Media Panel Pair 8	0.39	64.4	5.3	22.1
Media Panel Pair 5	0.38	71.8	7.3	21.3
Media Panel Pair 10	0.32	70.6	6.4	21.0
Supplier Pair 2	0.30	73.8	6.4	13.9
Supplier Pair 1	0.26	114.5	12.8	19.4
Media Panel Pair 9	0.23	42.7	4.2	28.8
Supplier Pair 4	0.15	23.6	9.0	18.4
Media Panel Pair 6	0.13	21.0	3.1	29.8

GS-CHO cells were seeded at 0.3 x10⁶ cells/mL and cultured for up to 14 days. Media Survey Panel conditions were fed 4% of the total working volume per day on days 3–7 for a total of 20%. Commercially available growth and feed media (Supplier Pair 1–4) were obtained from four separate suppliers and fed at the suppliers' recommended concentrations and methods.

*Cultures were terminated when viability reached below 75%.

†Normalized to the highest obtained protein yield. Antibodies from the culture were collected and analyzed for their glycan profiles.

Advanced Cell Culture Media Solutions for Every Cell Line

Meeting your needs and development challenges with customized products

Supporting you at every turn with 25+ dedicated research and development experts

- Accessible, comprehensive consultation
- Extensive technical knowledge and insight
- Individualized service to maximize your specific cell lines' potential
- A commitment to the most rapid turnaround times in the industry



Tell us your goal and our scientists will select the perfect media panel just for you, delivered within days, and designed to optimize your cell culture process development.

*Robert Newman, PhD,
Chief Scientific Officer,
FUJIFILM Irvine Scientific*

Offering a full menu of media development and optimization services

Service	Description	Timeframe*
Media Survey Panel	<ul style="list-style-type: none">• Custom array of media sample	10 business days
Custom Media Optimization	<ul style="list-style-type: none">• Media Optimization Panel (tested in your lab)• Complete Media Development (in our lab)	2–6 months
Express Media Service	<ul style="list-style-type: none">• GMP-grade raw materials, non-GMP manufacturing of custom media formulations	10 business days
Custom cGMP Media	<ul style="list-style-type: none">• Large-scale cGMP manufacturing of custom powder (10–7,000 kg) and liquid media (50–10,000 L)	6–8 weeks

*Timeframe may vary depending on individual customer requirements

Life. Support.

With over 45 years of industry experience, FUJIFILM Irvine Scientific is focused on providing the highest quality cell culture media. We are dedicated to bringing life to products, and ultimately, to the patients who benefit from the resulting therapeutic advances. World-renowned for our unwavering commitment to full-spectrum partnership, FUJIFILM Irvine Scientific has defined the industry standard in support, innovation, and best-in-class turnaround time.

Contact a Media Specialist at getinfo@irvinesci.com to learn more about getting your custom Media Survey Panel today!

FUJIFILM
Value from Innovation

 **IrvineScientific**

FUJIFILM Irvine Scientific, its logo, and Express Media Service are trademarks of FUJIFILM Irvine Scientific, Inc. ©2019 FUJIFILM Irvine Scientific. P/N 003978 Rev.00

www.irvinesci.com