

QkPlate™ human vitronectin coated 6 well plate (Qk2001)



Type: Stem cells, New, Extracellular Matrix & Coated Plates

Available for purchase: plate quantity: 5, 10, 20

Buy online with secure credit card or purchase order.

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Product Information

QkPlate™ human vitronectin coated 6 well plates are pre-coated with Qkine high purity animal origin-free vitronectin for more reproducible iPSC culture. A convenient solution to save time and resources, QkPlates are dried for room temperature storage and validated >6 months from manufacture.

Vitronectin protein is widely used in stem cell culture. It provides a defined environment that supports the maintenance of [pluripotency](#) and is suitable for feeder-free culture, expansion, differentiation, and reprogramming of stem cells. Qkine recombinant vitronectin protein is ultra high-purity with exceptionally low residual endotoxins making it suitable for the reproducible culture of stem cells, primary cells, [organoids](#), and use in sensitive neural differentiations.

More QkPlate™ sizes will be available soon - email support@qkine.com for updates.

Alternative protein names

Truncated Vitronectin, VTN-N, S-protein, Serum-spreading factor, V75

Product Size Wording

5x plates per pack, store at room temperature

Species reactivity

- human

- species similarity:
- mouse - 74%
- rat - 76%
- bovine - 72%
- porcine - 74%

Product Information

- Manufactured in our Cambridge, UK laboratories
- Certified animal origin-free (AOF)
- Store at room temperature
- QkPlates have been tested up to 6 months from manufacture date
- Manufactured in an environment where mammalian cells are handled

Featured applications

- Induced pluripotent stem cell culture and maintenance
- Differentiation of iPSC into endoderm, mesoderm and ectoderm

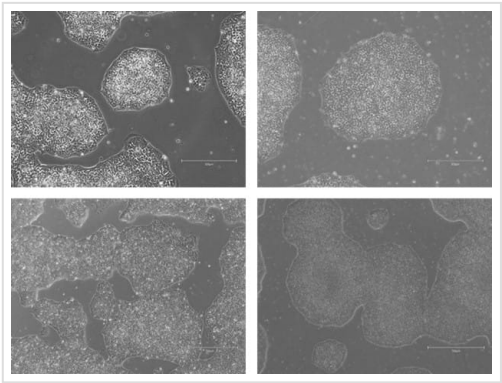
Further quality assays

- Endotoxin: <0.05 EU/μg protein
- Sterility tested

Scientific Information

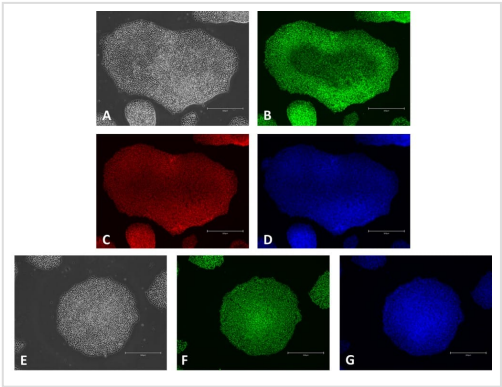
Bioactivity

Phase-contrast images of WTSli_005A cells cultured on human vitronectin pre-coated QkPlates (Qk2001) that had been dried and stored at room temperature for 6 months before seeding. Images are shown at two magnifications, with scale bars of 300 μ m (top row) and 750 μ m (bottom row).



Purity

ICC of pluripotency markers in iPSC grown in E8-like medium on Qkplates (Qk2001). Phase contrast image (A); NANOG expression (green, B); OCT-4 expression (red, C); Hoechst 33258 (blue, D); Phase contrast (E); SOX2 expression (green, F); Hoechst 33258 (blue, G). Scale bar = 300 μ m.



Original product page: <https://qkine.com/product/qkplate-human-vitronectin-coated-6-well-plate-qk2001/>

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