

# WILSONWOLF G<sup>R</sup>EX

## G-Rex6 and 24 Multi-Well Cell Culture Plates Specifications and Recommendations for use



### G-Rex6 Well Plate, Cat.# 80240M

#### Individual Well Specifications:

- 10 cm<sup>2</sup> gas permeable surface area
- 4 cm well height
- 40mL liquid capacity
- Inoculate with 5e6 cells
- Potential Expansion to ~3 to 4e8 cells

#### Technology Overview:

G-Rex multi-well technology is an R&D product ideal for non-adherent cell propagation in nonclinical applications with a design that provides cells with virtually unlimited nutrient access on demand. Cells reside on the medical grade silicone gas permeable membrane that each G-Rex is equipped with. This allows the cells to have access to unlimited access to oxygen from below. Additionally the large media capacity of each well provides an abundant source of nutrients for expansion without the need for frequent media exchange.

***\*These devices have a spill-resistant collar at the top of each well to allow for easy movement between the hood and incubator. However, care must be taken to prevent media from going above this collar when pipetting the contents of each well\****

**Thank you for evaluating these Wilson Wolf NON-CLINICAL R&D LABWARE PRODUCTS.** We are confident you will be pleased with their performance. These R&D products have been manufactured under clean room conditions and are gamma irradiated at a minimum of 25 kGy. Please note that non-clinical R&D products are not for use in diagnostic processes or in the cure, mitigation, treatment, or prevention of disease, and are subject to periodic changes as a result of feedback from users like you. We look forward to working with you, and appreciate any comments or concerns that can help us meet your needs and continually improve our product line. Please feel free to contact us by phone at 651-628-9259 or [info@wilsonwolf.com](mailto:info@wilsonwolf.com) for advice about your particular culture application, or with any questions regarding this product.



### G-Rex24 Well Plate, Cat.# 80192M

#### Individual Well Specifications:

- 2 cm<sup>2</sup> gas permeable surface area
- 4 cm well height
- 8mL liquid capacity
- Inoculate with 1e6 cells
- Potential expansion to ~6 to 8e7 cells

#### The G-Rex Advantage:

- Cell expansion is no longer restricted by the rate of oxygen diffusion through culture media.
- Nutrient availability is uncoupled from oxygen delivery leading up to 100-fold cell expansion in less time with minimal media exchanges.
- With wells full of media, cells can expand from as few as 0.5e6 cells/cm<sup>2</sup> to as many as 40e6 cells/cm<sup>2</sup>
- Fresh media is only required every 4-5 days, not on a daily or every other day schedule, as with traditional plates

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***These R&D products are not medical devices***