




# Galli Eo

-  Training, testing and teaching
-  Preclinical applications
-  Clinical applications




**Galli Eo**, a  $^{68}\text{Ge}/^{68}\text{Ga}$  generator, is a simple and innovative diagnostic solution available in the USA, in Canada and in countries without marketing authorization.

This generator is inspired by the principles of use of  $^{99\text{m}}\text{Tc}$  generators. The eluate of the generator - gallium chloride solution ( $^{68}\text{Ga}$ ) - is used for in vitro radiolabeling of different kits of radiopharmaceutical preparations developed for positron emission tomography (PET) imaging.

**Galli Eo is not intended for direct use in patients.**

## AVAILABLE ACTIVITIES

20-30-40-50 mCi

-  Simplify your practice
-  Make it easier for patients management
-  Encourage the development of new radiopharmaceuticals



**Galli Eo** is suitable for **manual** use (without any synthesis module, with a vacuum vial/peristaltic pump) or **automatic** use (with a synthesis module):

**Galli Eo is compatible with all synthesis modules available on the market.**

### SPECIFICATIONS

- **Chemical form:**  $^{68}\text{GaCl}_3$
- **Sterile eluent:** HCl 0,1 M
- **Elution volume:** 1,1 mL
- **Breakthrough:** <0.001 %
- **Elution time:** 3 min
- **Shelf life:** 450 elutions or 1 year
- **Shielding:** equivalent to 50 mm lead thickness
- **Radiation dose:** the average surface or contact radiation for the ( $^{68}\text{Ge}/^{68}\text{Ga}$ ) radionuclide generator is less than 0.054 $\mu\text{Sv/h}$  per MBq of  $^{68}\text{Ge}$ . For example, a 1.85 GBq generator will reach a maximum average surface dose rate of 100 $\mu\text{Sv/h}$ .
- **Weight:** 16.5 kg
- **Dimensions (W\*D\*H):** 220 mm\*210 mm\*230 mm  
With its integrated bag containing the eluent, **Galli Eo** does not require to consider any additional size and external volume.

### INCLUDED SERVICES

- Free dismantling of the expired generators
- Technical assistance

### AVAILABLE ACCESSORIES

**Galli Demo:** a demonstration device with **no activity** available for our customers before starting their preclinical or clinical activities.

**Galli Cap:** an actuator to place on top of IRE ELiT's  $^{68}\text{Ge}/^{68}\text{Ga}$  generators that allows, thanks to its control box, the automatic remote activation of the on/off button, the counting and the display of the number of elutions carried out since the first use of the generator.

**Galli Mov:** a rolling support designed for IRE ELiT's  $^{68}\text{Ge}/^{68}\text{Ga}$  generators. Tightly fitting to the generator base, it allows to move it in the hotcell without having to lift it.

### PRACTICAL INFORMATION

- **Delivery time:** 8 weeks
- **Information:** radiopharmaceutical@ire-elit.eu