



- 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}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.

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.

AVAILABLE ACTIVITIES

0.74 - 1.11 - 1.48 - 1.85 - 3.70 GBq

DMF #031715

The DMF can be referenced in NDA or IND, we can provide a letter of authorization, just ask!

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



SPECIFICATIONS

- **Chemical form:** $^{68}\text{GaCl}_3$
- **Sterile eluent:** HCl 0,1 M
- **Yield:** in current practice >72%
- **Possible time between two elutions:** 1 hour
- **Elution volume:** 1,1 mL
- **Breakthrough:** <0.001 %
- **Elution time:** 3 min
- **Shelf life:** minimum 550 elutions or 1 year
- **Shielding:** equivalent to 50 mm lead thickness
- **Radiation dose:** <0,054 $\mu\text{Sv/h}$ per MBq of Ge-68.
The use of double lead/tungsten shielding inside the generator has the dual advantage of minimizing both shielding thicknesses and operator exposure to external radiation, offering the best protection of all the Ge-68/Ga-68 generators available on the market (ratio of 2)*.
- **Weight:** 17 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 in your hotcell.

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:** SalesGallium68@ire-elit.eu

*Sources: IFU of available Ge-68/Ga-68 generators