

Galli Ad

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

Galli Ad is a $^{68}\text{Ge}/^{68}\text{Ga}$ generator approved in 13 European countries and inspired from 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 Ad 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 Ad is suitable for **manual** use (without any synthesis module, with a vacuum vial/peristaltic pump) or **automatic** use (with a synthesis module):

Galli Ad 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
- **Elution yield:** > 67% at release and always > 55% for the whole life of the generator
- **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}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 eluent bag, **Galli Ad** 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 to our users 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 a 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