

## GALLI EO

Ge-68/Ga-68 generators

From 0.74 to 3.70 GBq



NEW SIZE  
3.70 GBq

ELUTION POSSIBLE  
EVERY HOUR



GALLIEO

0.74 - 3.70 GBq

**Galli Eo** generators, a new generation of Ga-68 generators as similar as possible to those of Tc-99m, specifically designed **for kit-based method**.

Galli Eo is indicated for in vitro radiolabeling of specific vector molecules developed for Ga-68 diagnostic imaging with positron emission tomography (PET).

Thanks to Galli Eo 3.70 GBq, a high activity generator in IRE ELiT's range, you have the solution to increase the number of daily elutions, to get more flexibility in your patient planning and to accelerate the pace of cold kits preparation.

## WHY CHOOSE GALLI EO?

### To benefit from a very small and fixed elution volume of 1.1 mL

- Particularly suitable for manual kit reconstitution or for automated<sup>1</sup> use without any pre-purification of the eluate.
- Faster labelling reaction, and thus higher final activity in the labelled product (minimizing loss due to radioactive decay of Ga-68).

### To have the only one generator on the market with a dry inorganic column

- A minimal risk of radiolysis, impurities and saturation of the column (because the column is drained between two elutions).

### To take the advantage of a «ready to use» system integrating the pre-connected eluent bag inside the generator

- No change and supply of HCl to look after.
- A single port for collecting the eluate facilitates the application of the instructions for use, in particular the maintenance of the aseptic conditions necessary for the elution, and avoids the risk of handling errors between two ports.

### To get an elution yield in daily practice over 72%<sup>2</sup>

- Elution is allowed every hour if needed (50% of the total activity available after 68 min), enabling the optimization of radiolabeling and the organization of patient planning.

<sup>1</sup>Galli Eo is compatible with all the synthesis modules available on the market (list on request).

<sup>2</sup>Source: IRE ELiT QC data



## SPECIFICATIONS

| GENERATOR                                     |  |
|---|--|
| Chemical Form                                 | $^{68}\text{GaCl}_3$   |
| Eluent  | Sterile 0.1 M HCl<br>(preconnected bag inside the generator)   |
| Elution volume                                | 1.1 mL   |
| Elution time                                  | 3 min  |
| Elution yield                                 | In daily practice over 72% <sup>1</sup>  |
| Shielding                                     | <0.054 $\mu\text{Sv/h}$ per MBq of Ge-68<br>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) <sup>2</sup> |
| Average dose rate                             | 82.5 $\mu\text{Sv/h}$ for a 1.85 GBq and 124 $\mu\text{Sv/h}$ for a 3.70 GBq   |
| Shelf life                                    | 550 elutions minimum or 1 year   |
| Dimensions (W*D*H)                            | 220 mm * 210 mm * 230 mm   |
| Weight  | 17 kg  |
| ELUATE  |  |
| $^{68}\text{Ge}$ breakthrough                 | Always $\leq 0.001\%$  |
| Chemical purity<br>Al, Cu, Fe, Ni, Pb, Zn, Ga | $\leq 10 \mu\text{g} / \text{GBq}$   |
| pH  | $\leq 2$   |
| Endotoxin                                     | < 0.5 EU/mL  |
| Microbiological quality                       | Sterile  |
| Half-life                                     | About 68 min   |

<sup>1</sup>Source: IRE ELiT QC data

<sup>2</sup>Sources: IFU of available Ge-68/Ga-68 generators

# WE ALSO FACILITATE YOUR PRACTICE WITH SOME ACCESSORIES



- **Galli Cap:**

Allows automatic remote activation of the stop/start button, elution counting, calculation of residual activity and regrowth since the last elution.



- **Galli Mov:**

A dedicated mobile rolling support.



- **Galli RD:**

For preclinical works.



- **Other consumables:**

10mL vacuum vials (CE mark), tubing, connectors, needles.

## CONTACT US

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