

MEDI-RADIOPHARMA

Your Global Nuclear Medicine Supplier



**CATALOGUE
OF IN VIVO KITS
FOR ^{99m}Tc
LABELLING**



MRP
MEDI-RADIOPHARMA
Your Global Nuclear Medicine Supplier

INTRODUCTION

MEDI-RADIOPHARMA Ltd. is a privately-owned company established in 1995, with over 29 years of expertise in developing, manufacturing, and supplying radiopharmaceutical products globally.

Specializing in the production of cold kits for labeling ^{99m}Tc used in nuclear medicine diagnostics, MEDI-RADIOPHARMA Ltd. offers a diverse portfolio of products registered in numerous countries worldwide, including EU member states and Taiwan.

We pride ourselves on delivering a consistent supply of diagnostic solutions, ensuring the highest standards of quality and safety at every production stage.

Our certifications include:

- Manufacturer's Authorization
- Certificate of GMP Compliance of a Manufacturer
- Wholesale Distribution Authorization
- Certificate of GDP Compliance of a Wholesale Distributor
- Good Laboratory Practice (GLP) Certificate
- ISO Certification
- Relevant authorizations for the manufacture and wholesale distribution of radiopharmaceuticals

In collaboration with our partner company, Radiopharmacy Laboratory Ltd., we are also engaged in developing therapeutic radiopharmaceuticals. We welcome requests and suggestions for new research and development projects in nuclear medicine. Our capabilities in sterile injectables include formulation, process development, and manufacturing of sterile injectable drug products, suitable from small clinical trials to global commercial supply. We offer speed, flexibility, experience, and a broad set of capabilities to support your program. At MEDI-RADIOPHARMA Ltd., we are dedicated to improving the lives of those we serve, including our employees, partners, patients, and the local communities in which we operate.

Our headquarters and manufacturing facilities are located in the metropolitan area of Budapest, conveniently near Budapest International Airport and the Hungarian highway system.

WE ARE PROUD MEMBERS OF





MRP

Gergely Jánoki MSc. RPh.
CEO, Medi-Radiopharma

„At Medi-Radiopharma, our mission is to enhance healthcare and improve patient outcomes through our diverse portfolio of high-quality products.

Every day, I am inspired and proud of our ambitious and passionate team, as well as my father, whose foundational work has enabled us to become a key global player in our field.”

29
YEARS OF
EXCELLENCE

CONTENT

Radiopharmaceuticals for Lung perfusion scintigraphy (^{99m}Tc-HSA MACROAGGREGATED HUMAN ALBUMIN)	
Medi-MAA 2.5 mg	1
Radiopharmaceuticals for Sentinel node detection (^{99m}Tc-HSA NANOSIZED COLLOIDS)	
Nano-Scan (Tc-MR-7)	2
Senti-Scint (Tc-MR-4)	3
Nano-Albumon (Tc-MR-3)	4
Radiopharmaceuticals for cardiac studies (^{99m}Tc-MIBI)	
Medi-Mibi 500 micrograms (Tc-MR-1)	5
Radiopharmaceuticals for brain and cell labelling studies (^{99m}Tc-HM-PAO)	
Medi-Exametazime (Tc-MR-14)	6
Brain-Spect (Tc-MR-5)	7
Stabilized Brain-Spect (Tc-MR-15)	8
Radiopharmaceuticals for kidney evaluation	
Renoscint MAG3 (^{99m} Tc) Tc-MR-16	9
Mercapton (DMSA) (Tc-MR-13)	10
Renon (DTPA) (Tc-MR-11)	11
Radiopharmaceuticals first generation commercial kits	
Makro-Albumon (MAA) (Tc-MR-2)	12
Skeleton (MDP) (Tc-MR-10)	13
Bromo-Biliaron (Br-IDA) (Tc-MR-12)	14
Pyroscint (PYP) (Tc-MR-9)	15
Services	16

Download our product catalogue here



Medi-MAA kit for radiopharmaceutical preparation



Active substance

Each vial contains 2.5 mg macroaggregated human albumin (macroalbum).

Particle size

The macroaggregates number per vial is within the range of $3 - 8 \times 10^6$. In the labelled product the particle size distribution is as follows: More than 90 % of the particles are between 10 and 100 micrometres.

Indications

Pulmonary perfusion scintigraphy

Excipients

Human serum albumin
Stannous chloride dihydrate
Sodium chloride

Labelling activity

40-150 MBq (planar pulmonary perfusion)
max. 200 MBq (SPECT pulmonary perfusion scintigraphy)
For specific details please read the details of the SmPC.

Maximum labelling capacity

6,85 GBq (185 mCi)

Labelling volume

3-10 ml/vial

Storage

Store the kit in a refrigerator (2°C - 8°C)

Shelf life

18 months

Shelf life after radiolabeling

9,5 hrs,
Store below 25°C

Registration numbers

Hungary: OGYI-T-24216/01	Germany: early 2025.
Austria: 441692	Italy: AIC n. 050543026
Belgium: BE661065	Luxemburg: 0942397
Bulgaria: 61944	Malta: MA1241/00201
Czech Republic: 88/556/20-C	Norway: 21-13835
Denmark: 65593	Poland: 28147
Finland: 38749	Spain: 89285
France: 34009 550 938 3 1	Sweden: 61617
	The Netherlands RVG 127866

Marketing Authorization Holder

Medi-Radiopharma Ltd.
2030 Érd, Szamos u. 10-12., Hungary

Nano-Scan (^{99m}Tc -HSA nanosized colloid) Tc-MR-7

Active substance	Human Serum Albumin nano sized colloid 500 micrograms	
Particle size	At least 95 % of human albumin colloidal particles have a diameter \leq 80 nm.	
Indications	<p>Intravenous administration:</p> <ul style="list-style-type: none"> • Bone marrow scanning (The product is not suitable to study the haematopoietic activity of the bone marrow) • Inflammation scanning in areas other than the abdomen <p>Subcutaneous administration:</p> <ul style="list-style-type: none"> • Conventional lymphoscintigraphy to demonstrate integrity of the lymphatic system and differentiation of venous from lymphatic obstruction • Sentinel node detection in: <ul style="list-style-type: none"> • Melanoma malignum • Breast cancer 	
Excipients	<ul style="list-style-type: none"> • Stannous(II) chloride dihydrate • Glucose monohydrate • Sodium phosphate monobasic & Sodium phosphate dibasic 	
Dose for adults	<p>Intravenous application:</p> <ul style="list-style-type: none"> • Bone marrow scanning: 185-500 MBq (5.0-13.5 mCi) • Inflammation scanning: 370-500 MBq (10.0-13.5 mCi) <p>Subcutaneous administration:</p> <ul style="list-style-type: none"> • Lymphoscintigraphy: 18.5-110 MBq (0.5-3.0 mCi) <p>Sentinel node detection:</p> <ul style="list-style-type: none"> • Malignant melanoma: 40-100 MBq (1.08-2.7 mCi) • Breast cancer: 100-200 MBq (2.7-5.4 mCi) 	
Labelling activity	185 MBq - 5.5 GBq (5.0 mCi - 148.65 mCi)	
Labelling volume	1-5 ml	
Storage of cold kit	18 months from date of manufacturing, Do not store above 25°C	
Storage of labelled compound	8 hrs, Do not store above 25°C	
Package size	6 vials	
Registration numbers	Austria: 4-00046 Belgium: BE471911 Denmark: DK R 02248 Germany: 81340.00.00 Italy: 414/2012 Poland: 22470	Romania: 9353/2016/01-04 Spain: 76905 The Netherlands: RVG 112760 United Kingdom: PL 40129/0002
Marketing Authorization Holder	Radiopharmacy Laboratory Ltd. 2040 Budaörs, Gyár u. 2., Hungary	



Senti-Scint (^{99m}Tc-HSA colloid)

Tc-MR-4



Active substance	Human Serum Albumin nano sized colloid (strength 1.0 mg)
Particle size	100-600 nm
Indications	Compound is suitable for <ul style="list-style-type: none">• sentinel node lymphoscintigraphy in• breast cancer and• melanoma malignum
Excipients	<ul style="list-style-type: none">• Stannous(II) chloride dihydrate• Glucose• Sodium phosphate monobasic & Sodium phosphate dibasic
Dose for adults	The recommended activity 60-100 MBq (1.6-2.7 mCi). 3-5 subcutaneous injections around the lesion. 20-20 MBq in volumes of 0.2-0.5 ml (0.54-0.54 mCi).
Labelling activity	maximum 5.5 GBq (148.65 mCi)
Labelling volume	1-5 ml
Storage of cold kit	18 months from date of manufacturing, Do not store above 25°C Protect from light
Storage of labelled compound	maximum 6 hrs, Do not store above 25°C
Package size	6 vials
Registration numbers	Hungary: OGYI-T-8665/01 Belarus: 9915/12/17 Croatia: UP/I-530-09/11-01/19 Czech Republic: 88/100/01-C Slovak Republic: 88/0045/04-S Türkiye: 136/12
Marketing Authorization Holder	Medi-Radiopharma Co., Ltd. 2030 Érd, Szamos u. 10-12., Hungary

Nano-Albumon (^{99m}Tc -HSA nanosized colloid) Tc-MR-3

Active substance	Human Serum Albumin nano sized colloid 1.0 mg
Particle size	More than 80% of the particles have a size maximum 100 nm
Indications	The labelled Nano-Albumon is suitable for <ul style="list-style-type: none"> • conventional lymphoscintigraphy • bone marrow scanning
Excipients	<ul style="list-style-type: none"> • Stannous(II) chloride dihydrate • Glucose • Sodium phosphate monobasic & Sodium phosphate dibasic
Dose for adults	Please check the SmPC for specific details
Labelling activity	maximum 2.2 GBq (59.46 mCi)
Labelling volume	1-3 ml
Storage of cold kit	18 months from date of manufacturing, Do not store above 25°C Protect from light
Storage of labelled compound	6 hrs, Do not store above 25°C
Package size	6 vials
Registration numbers	Hungary: OGYI-T-8664/01 Colombia: INVIMA 2018M-0018034 Czech Republic: 88/174/91-C
Marketing Authorization Holder	Medi-Radiopharma Ltd. 2030 Érd, Szamos u. 10-12., Hungary



Medi-MIBI 500 micrograms (^{99m}Tc-MIBI) Tc-MR-1



Active substance

Sestamibi [tetrakis (1 isocyanide-2-methoxy-2-methylpropyl)-copper(I)] tetrafluoroborate 0.5 mg

Indications

The ^{99m}Tc labelled compound can be used for

- Myocardial perfusion scintigraphy for the detection and localisation of coronary artery disease (angina pectoris and myocardial infarction)
- Assessment of global ventricular function. First-pass technique for determination of ejection fraction and/or ECG-triggered, gated SPECT for evaluation of left ventricular ejection fraction, volumes and regional wall motion.
- Scintimammography for the detection of suspected breast cancer when mammography is equivocal, inadequate or indeterminate.
- Localisation of hyperfunctioning parathyroid tissue in patients with recurrent or persistent disease in both primary and secondary hyperparathyroidism, and in patients with primary hyperparathyroidism scheduled to undergo initial surgery of the parathyroid glands.

Excipients

- Stannous(II) chloride dihydrate
- Sodium chloride
- Tetrasodium pyrophosphate decahydrate
- L-cysteine hydrochloride monohydrate
- Glycine

Dose for adults

Diagnosis of reduced coronary perfusion and myocardial infarction:
400 - 900 MBq (10.8-24.3 mCi)

Diagnosis of ischaemic heart disease:

- Two-day protocol: 600-900 MBq/study (16.2-24.3 mCi)
- One-day protocol: 400-500 MBq (10.8-13.5 mCi)

Assessment of global ventricular function:

600-800 MBq injected as a bolus (16.2-21.6 mCi)

Scintimammography:

700 - 1000 MBq injected as a bolus (18.9-27.0 mCi)

Localisation of hyperfunctioning parathyroid tissue:

200 - 700 MBq injected as a bolus (5.4-18.9 mCi)

Labelling activity

Up to 15 GBq (405.41 mCi)

Labelling volume

1-5 ml

Storage of cold kit

30 months from date of manufacturing,
Do not store above 25°C
Protect from light

Storage of labelled compound

8 hrs,
Do not store above 25°C

Package size

6 vials

Registration numbers

Hungary: OGYI-T-8762/01	Italy: AIC n. 040312; AIC n. 040312011 6 vials/kit
Austria: 4-00035	Peru: RE-00097
Croatia: HR-H-769142649	Spain: 70755, National Code: 662762-4 6 vials/kit
Czechia: 88/884/92-C	Taiwan: R00098
Denmark: DK. R. 02236	Türkiye: 135/54
Germany: 90375.00.00	

Marketing Authorization Holder

Radiopharmacy Laboratory Ltd.
2040 Budaörs, Gyár u. 2., Hungary

Medi-Exametazime (^{99m}Tc -HM-PAO) Tc-MR-14

Active substance

Exametazime 0.5 mg

Indications

Neurology:

- Evaluation of patients with cerebrovascular disease (specifically acute stroke, chronic ischemia, and transient ischemic attack)
- Presurgical lateralization and localization of epileptogenic foci.
- Evaluation of patients with suspected dementia (specifically Alzheimer's disease and frontotemporal dementia)
- Evaluation of patients with migraine
- Adjuvant technique in the diagnosis of brain death

Infectious or inflammatory diseases

- Localisation of abnormal foci guiding the aetiologic diagnosis in case of fever of unknown origin
- Diagnosis of infection in case of suspected osteomyelitis (with or without implants) and suspected hip or knee prosthesis infection.
- Detection of the extension of inflammation in case of inflammatory bowel disease.

Excipients

Stannous(II) chloride dihydrate
Tetrasodium pyrophosphate decahydrate

Dose for adults

Brain perfusion SPECT: 350-500 MBq (5.4-9.5 mCi)
Labelled leucocyte scintigraphy: 200 MBq (5.4 mCi)

Labelling activity

0.37-2.2 GBq (10-59.46 mCi)

Labelling volume

5 ml

Storage of cold kit

12 months from date of manufacturing,
Store at 2-8°C

Storage of labelled compound

1 hr,
Do not store above 25°C
Protect from light

Package size

6 vials

Registration numbers

Austria: Z.Nr.: 4-00051	Peru: RD8249
Belgium: BE591537	Portugal: 5628219
Denmark: DK R 49482	Slovenia: H/22/02922/001-004
Finland: 38739	Spain: 697827-6
Germany: 86253.00.0	Sweden: 61604
Italy: AIC 042496	The Czech Republic:
Luxemburg: 2021090180	88/539/20-C
Netherlands: RVG 127837	United Kingdom:
Norway: 20-13828	PL 40129/0001

Marketing Authorization Holder

Radiopharmacy Laboratory Ltd.
2040 Budaörs, Gyár u. 2., Hungary



Brain-Spect (^{99m}Tc -HM-PAO) Tc-MR-5



Active substance	Exametazime 0.3 mg
Indications	Diagnostic study of <ul style="list-style-type: none">• Regional cerebral blood flow (stroke, carotid artery occlusion, transient ischaemic attack, migraine, tumours of the brain, dementia differential diagnosis,• BRAIN-SPECT kit can be applied for detection, localisation of cortical areas with decreased perfusion, and to estimate the extent of the damage.• Detection of affected cortical areas over 1-2 cm is feasible by planar gamma camera, the smaller areas can be detected by SPECT.
Excipients	Stannous(II) chloride dihydrate Tetrasodium pyrophosphate decahydrate
Dose for adults	370-740 MBq (i.v. injection) (10-20 mCi)
Labelling activity	370-2200 MBq (10-59.5 mCi)
Labelling volume	5 ml
Storage of cold kit	12 months from date of manufacturing, Store in a refrigerator (2-8°C) Protect from light
Storage of labelled compound	1 hr, Do not store above 25°C Protect from light
Package size	6 vials
Registration numbers	Hungary: OGYI-T-8733/01 Belarus: 9904/12/17 Colombia: INVIMA 2015M-0015824 Czech Republic: 88/418/92-C Türkiye: 135/53
Marketing Authorization Holder	Medi-Radiopharma Ltd. 2030 Érd, Szamos u. 10-12., Hungary

Stabilised Brain-Spect

(Technetium [^{99m}Tc] exametazim HMPAO)
Tc-MR-15



Active substance	Exametazime 0.5 mg
Indications	<p>Brain scintigraphy:</p> <ul style="list-style-type: none"> • Regional cerebral blood flow scintigraphy (Stroke, reduced cerebral blood flow, ischemic attack, epilepsy, migraine, trauma, tumours of the brain, differential diagnosis of dementia). • The stabilised Brain-Spect 0.5 mg kit is able to recognise, localize the altered cerebral cortical tissue perfusion and to estimate the size of the damaged area.
Excipients	<p>Lyophilizate: Stannous(II) chloride dihydrate Sodium-pyrophosphate-decahydrate</p> <p>Cobalt(II)-chloride solution: Cobalt(II)-chloride-hexahydrate Water for injection</p>
Dose for adults	350-500 MBq intravenously (9.5-13.5 mCi)
Labelling activity	0.37-2.2 GBq (10-59.5 mCi)
Labelling volume	5 ml
Storage of cold kit	12 months from date of manufacturing, Store in refrigerator (2°C – 8°C)
Storage of labelled compound	Stabilised labelled product 6 hrs, Do not store above 25°C
Package size	6 injection vial containing powder and 6 injection vial containing solution in a carton box
Registration numbers	Hungary: OGYI-T-8733/02
Marketing Authorization Holder	Medi-Radiopharma Ltd. 2030 Érd, Szamos u. 10-12., Hungary

Renoscint MAG3 1 mg (Technetium (^{99m}Tc) betiatide) Tc-MR-16



Active substance

Betiatide To be used with sodium pertechnetate for the preparation of the diagnostic agent: Technetium (^{99m}Tc) tiatide.

Indications

After reconstitution and labelling with sodium pertechnetate solution, the diagnostic agent technetium (^{99m}Tc) tiatide may be used intravenously for the evaluation of nephrological and urological disorders in particular for the study of morphology, perfusion, and function of the kidney and characterisation of urinary outflow.

Excipients

Disodium tartrate dihydrate
Stannous (II) chloride dihydrate
Hydrochloric acid for pH adjustment

Dose for adults

37-185 MBq (1-5 mCi), depending on the pathology to be studied and the method to be used. Studies of renal blood flow or transport through the ureters generally require a larger dose than studies of intra-renal transport, whereas renography requires smaller activities than sequential scintigraphy.

Labelling activity

maximum 2960 MBq (80 mCi)

Labelling volume

10 ml

Storage of cold kit

18 months from date of manufacturing,
Store in a refrigerator (2°C - 8°C)

Storage of labelled compound

8 hrs,
Do not store above 25°C

Package size

1 pack contains 6 vials
Sample package: 2 vials

Registration numbers

Hungary: OGYI-T-23275/01 (1x)	Italy: AIC 045669013
OGYI-T-23275/02 (6x)	Poland: 24615
Austria: 438272	Spain: 82909
Czech Republic: 88/832/16-C	Switzerland Zul.-Nr.: 68106
Denmark: DK R 58417	United Kingdom: PL 27151/0001
Germany: 98671.00.00	

Marketing Authorization Holder

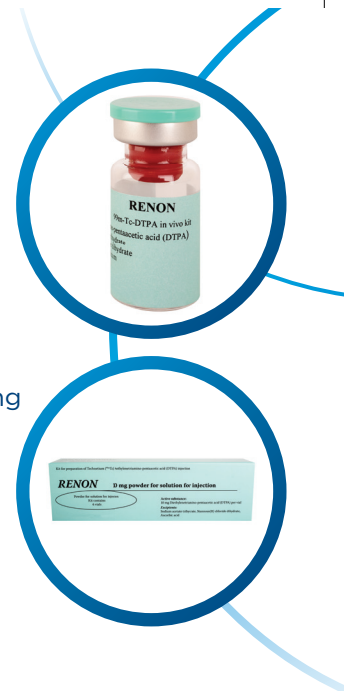
Medi-Radiopharma Ltd.
2030 Érd, Szamos u. 10-12., Hungary

Mercapton (^{99m}Tc -DMSA) Tc-MR-13

Active substance	Meso-2-3-dimercapto succinic acid
Indications	<p>The Tc-99m labelled compound can be used for static (planar or tomographic) renal imaging:</p> <ul style="list-style-type: none"> • Kidney scintigraphy, static imaging of kidney location • Determination of functional kidney weight • Determine the relative function (%) of the right and left kidneys
Excipients	<p>Stannous(II) chloride dihydrate Sodium acetate trihydrate Ascorbic acid</p>
Dose for adults	Recommended dose ranges for i.v. administration for adults: 50-140 MBq (1.35-3.78 mCi)
Labelling activity	Up to 3.7 GBq (100 mCi)
Labelling volume	2-5 ml
Storage of cold kit	<p>12 months from date of manufacturing, Do not store above 25°C Protect from light</p>
Storage of labelled compound	<p>6 hrs, Do not store above 25°C</p>
Package size	6 vials
Registration numbers	Hungary: OGYI-T-9940/01
Marketing Authorization Holder	<p>Medi-Radiopharma Ltd. 2030 Érd, Szamos u. 10-12., Hungary</p>



Renon (^{99m}Tc-DTPA) Tc-MR-11



Active substance

Acidum diaethylentriamino-pentaaceticum (DTPA) 10.0 mg

Indications

The ^{99m}Tc labelled compound can be used for:

- After labeling with sterile ^{99m}Tc-pertechnetate solution, it is indicated for:
- determination of glomerular filtration (GFR)
- visualization of the kidney by sequential scintigraphy
- renal perfusion studies
- urinary tract studies
- renal artery stenosis
- estimation of transplanted kidney function
- Vesico-urethral reflux
- visualization of brain lesions (tumor, bleeding)
- inhalation pulmonary scintigraphy (using a suitable nebulizer)

Excipients

Stannous(II) chloride dihydrate
Sodium acetate trihydrate
Ascorbic acid

Dose for adults

Glomerular filtration:	111-185 MBq (3-5 mCi)
Renal perfusion:	370-740 MBq (10-20 mCi)
Visualization of brain lesions:	370-740 MBq (10-20 mCi)

Labelling activity

Up to 8 GBq (216.2 mCi)

Labelling volume

1-5 ml

Storage of cold kit

24 months from date of manufacturing,
Do not store above 25°C
Protect from light

Storage of labelled compound

6 hrs,
Do not store above 25°C

Package size

6 vials

Registration numbers

Hungary: OGYI-T-8816/01

Marketing Authorization Holder

Medi-Radiopharma Ltd.
2030 Érd, Szamos u. 10-12., Hungary

Makro-Albumon (^{99m}Tc -MAA) Tc-MR-2

Active substance	Human Serum Albumin Macroaggregate 2.0 mg
Particle size	90% are between 10 and 100 μm ($2\text{-}4 \times 10^6$ particles/vial)
Indications	<p>The labelled MAA is suitable for</p> <ul style="list-style-type: none"> • Pulmonary perfusion scintigraphy <ul style="list-style-type: none"> • Pulmonary embolism and myocardial infarct • Chronic circulatory failure • Local respiratory distress • Emphysema • Tumour • Inflammation • Visualisation of venous circulation <ul style="list-style-type: none"> • Perfusion arterial scintigraphy of abdominal and retroperitoneal organs • Detection of deep vein thrombosis in the lower extremities and pelvis • Occlusion of the vena cava inferior
Excipients	Stannous(II) chloride dihydrate Glucose Ascorbic acid Sodium chloride
Dose for adults	Lung scintigraphy: 37-185 MBq (1-5 mCi)
Labelling activity	Up to 3.7 GBq (100 mCi)
Labelling volume	2-8 ml
Storage of cold kit	18 months from date of manufacturing, Store in a refrigerator (2°C - 8°C) Protect from light
Storage of labelled compound	8 hrs, Do not store above 25°C
Package size	6 vials
Registration numbers	Hungary: OGYI-T-8663-01 Belarus: 10085/13/18 Croatia: UP/I-530-09/11-01/20 Czech Republic: 88/177/91-C Russia: ЛС-002157 Türkiye: 136/11
Marketing Authorization Holder	Medi-Radiopharma Ltd. 2030 Érd, Szamos u. 10-12., Hungary



Skeleton (^{99m}Tc-MDP) Tc-MR-10



Active substance	Methylene diphosphonic acid (MDP) 5.0 mg
Indications	<ul style="list-style-type: none"> • primary bone tumours imaging • bone metastases of other tumours (e.g. prostate, breast, lung cancer) • osteomyelitis • metabolic bone disease • Paget's disease • fractures • avascular necrosis • loosened/inflamed arthricular prosthesis • arthricular inflammations (rheumatoid arthritis)
Excipients	Stannous(II) chloride dihydrate Tetrasodium pyrophosphate decahydrate Ascorbic acid
Dose for adults	370-740 MBq (10-20 mCi)
Labelling activity	Up to 10 GBq (270.3 mCi)
Labelling volume	1-5 ml
Storage of cold kit	24 months from date of manufacturing, Do not store above 25°C Protect from light
Storage of labelled compound	8 hrs, Do not store above 25°C
Package size	6 vials
Registration numbers	Hungary: OGYI-T-8815/01 Taiwan: R00095
Marketing Authorization Holder	Medi-Radiopharma Ltd. 2030 Érd, Szamos u. 10-12., Hungary

Bromo-Biliaron (^{99m}Tc -Br-IDA) Tc-MR-12

Active substance	Mebrofenin [N-(3-bromo-2,4,6-trimethylphenyl)carbamoyl-methyl)-iminodiacetic acid] 5.00 mg
Indications	Hepatobiliary imaging <ul style="list-style-type: none"> • Hepatobiliary function studies • Evaluation of bile flow, and diagnosis of extrahepatic biliary obstruction, malfunctioning gall-bladder, gall-bladder inflammation, biliary duct atresia, biliary cysts or similar pathologic alterations of the biliary duct.
Excipients	Stannous(II) chloride dihydrate Sodium acetate trihydrate Ascorbic acid
Dose	Adult doses: 150-300 MBq (4.05-8.1 mCi) <ul style="list-style-type: none"> • Paediatric dose: to be adjusted to body weight. • 20 MBq is the minimal dose (also in babies) to obtain images of sufficient quality in kidney studies
Labelling activity	Up to 6.0 GBq (162.2 mCi)
Labelling volume	2-5 ml
Storage of cold kit	12 months from date of manufacturing, Do not store above 25°C Protect from light
Storage of labelled compound	6 hrs, Do not store above 25°C
Package size	6 vials
Registration numbers	Hungary: OGYI-T-9941/01
Marketing Authorization Holder	Medi-Radiopharma Ltd. 2030 Érd, Szamos u. 10-12., Hungary



Pyroscint (^{99m}Tc -PYP) Tc-MR-9

Active substance	Sodium Pyrophosphate Decahydrate 60.0 mg
Indications	<p>After radiolabelling with sodium (^{99m}Tc) pertechnetate solution, the solution obtained is indicated for</p> <ul style="list-style-type: none">• Bone scintigraphy• Cardiac scintigraphy, diagnosis of acute myocardial infarction <p>After reconstitution with physiological sodium chloride solution in vivo or in vivo/in vitro red blood cell labelling for determination of blood volume and spleen scintigraphy.</p>
Excipients	Stannous(II) chloride dihydrate Ascorbic acid
Dose for adults	Suggested dose ranges are different according to the type of investigation
Labelling activity	maximum 6.0 GBq (162.2 mCi)
Labelling volume	2-5 ml
Storage of cold kit	24 months from date of manufacturing, Do not store above 25°C Protect from light
Storage of labelled compound	6 hrs, Do not store above 25°C
Package size	6 vials
Registration numbers	Hungary: OGYI-T-8817/01
Marketing Authorization Holder	Medi-Radiopharma Ltd. 2030 Érd, Szamos u. 10-12., Hungary



MEDI-RADIOPHARMA

Your Global Nuclear Medicine Supplier

Delivering 30 years of trusted expertise
in nuclear medicine

SERVICES

- **CDMO Services for Liquid and Lyophilized Products:**
Scalable batch production from 1 to 300 litres
- **Comprehensive Tech Transfer & Validation:** Including microbiological, analytical, radioanalytical controls and stability testing
- **License for all isotopes** (including α -Emitters)
- **Animal testing, biodistribution studies and related imaging**
- **Analytical Method Development & Validation:**
For both active drug substances and inactive/radioactive pharmaceutical products
- **Regulatory Services:**
Complete support from eCTD preparation through regulatory approval
- **Drug Product Development:** QbD-driven formulation and process development for liquid and lyophilized injections, including validation and scale-up
- **API Synthesis:**
Small molecule API synthesis under GMP compliance



MRP
MEDI-RADIOPHARMA
Your Global Nuclear Medicine Supplier

2030 ÉRD, Szamos utca 10-12.;
HUNGARY
Phone: **+36-23/521-261**; Fax: **+36-23/521-260**;
e-mail: order@mediradiopharma.hu
www.mediradiopharma.com

