

## Pre-filled tubes for Omni Bead Ruptor Elite and Bead Ruptor 4 homogenisers

### Homogenisation tube and beads

For lysis of all cell types and extractions of nucleic acids, proteins and enzymes, etc.



- **1.4 and 2.8 mm ceramic beads for soft animal, plant and human tissues: brain, liver, skin, leaves, gonad, muscles**
- **2.38 mm metal beads for all types of hard tissue: hair, teeth, bones, seeds, corn, rice, nails, etc.**
- **1 and 0.5 mm glass beads for microorganisms: spores, moulds, yeast, *escherischia coli* bacteria, ...**
- **0.15 mm and 0.7 mm garnet beads for soil, clay and sediment samples**
- **0.15 mm and 0.25 mm carbide beads for microbiological RNA and soil sample**

### Pre-filled tubes and homogenising beads for Omni Bead Ruptor Elite and Bead Ruptor 4 homogenisers

Tube volume (ml)	Beads	Ø beads (mm)	Applications	Units/carton	Cat. No.	€ Excl. VAT/carton
0.5	Garnet	0.15	Small volume of microorganisms, lysis	50	078101	NC -
	Carbide	0.25	RNA extraction, microorganisms, homogenisation	50	078103	NC -
	Ceramic	1.4	Soft tissues, homogenisation	50	078104	NC -
1.5	Metal	2.38	Hard tissues, mix	50	078176	NC -
	Glass	0.5	Hard microorganisms, lysis	50	078177	NC -
	Ceramic	1.4	Soft tissues, homogenisation	50	078178	NC -
	Ceramic	2.8	Hard tissues, homogenisation	50	078179	NC -
2	Ceramic	0.1	Micro-organisms, lysis	50	078220	NC -
	Ceramic	0.1	Micro-organisms, lysis	50	078221*	NC -
	Ceramic	0.5	Hard microorganisms, lysis	50	078222	NC -
	Ceramic	0.5	Hard microorganisms, lysis	50	078223*	NC -
	Ceramic	1.4	Soft tissues, homogenisation	50	078105	NC -
	Ceramic	1.4	Soft tissues, homogenisation	50	078142*	NC -
	Ceramic	2.8	Hard tissues, homogenisation	50	078106**	NC -
	Ceramic	2.8	Hard tissues, homogenisation	50	078141*	NC -
	Ceramic	1,4 y 2,8	Hard tissues, homogenisation	50	078224	NC -
	Metal	2.38	Hard tissues, grinding	50	078098**	NC -
	Metal	2.38	Hard tissues, grinding	50	078143*	NC -
	Metal	6	Hard tissues, grinding	50	078225**	NC -
	Glass	0.5	Hard microorganisms, lysis	50	078100	NC -
	Glass	0.5	Hard microorganisms, lysis	50	078144*	NC -
	Glass	0.1	Micro-organisms, lysis	50	078099	NC -
Garnet	0.7	Hard and fibrous tissues, homogenisation	50	078102	NC -	
7	Metal	2.38	Hard tissues, grinding	50	078180	NC -
	Ceramic	1.4	Soft tissues, mix	50	078181	NC -
	Ceramic	2.8	Hard tissues, mix	50	078182	NC -
	Glass	0.5	Micro-organisms, lysis	50	078234	NC -
15	Ceramic	2.8	Hard tissues, homogenisation	50	078201	NC -
30	Metal	2.4	Hard tissues, mix	50	078202	NC -
	Metal	2.4 and ceramic cylinder 6.35	Hard tissues, mix	50	078203	NC -
	Ceramic	1.4 and ceramic cylinder 6.35	Soft tissues, homogenisation	50	078204	NC -
	Ceramic	1.4	Soft tissues, homogenisation	50	078205	NC -
	Ceramic	2.8	Hard tissues, homogenisation	50	078206	NC -
50	Ceramic	2.8 and ceramic cylinder 6.35	Hard tissues, homogenisation	50	078207	NC -
	Ceramic	2.8	Hard tissues, homogenisation	50	078194	NC -

\* Microbial DNA free \*\* Reinforced wall tube

### Single tubes

- **Polypropylene**
- **RNase, DNase free (except 7 ml tubes)**

Tube volume (ml)	Units/carton	Cat. No.	€ Excl. VAT/carton
0.5	500	078186*	NC -
1.5	500	078183	NC -
	1000	078184	NC -
2	500	078115*	NC -
	500	078114B	NC -
	1000	078185*	NC -
7	1000	078209**	NC -
	500	078188	NC -
	1000	078124	NC -
15	100	078231	NC -
	500	078198	NC -
30	100	078232	NC -
	500	078199	NC -
50	100	078200	NC -

\*Reinforced polypropylene \*\*Low binding