

MagAttract[®] 96 *cador*[®] Pathogen Kit

The MagAttract 96 *cador* Pathogen Kit (384) (cat. no. 947457) can be stored at room temperature (15–25°C). For expiry date information, consult the label on the kit box.

Further information

- *MagAttract 96 cador Pathogen Handbook*: www.qiagen.com/handbooks
- Technical assistance: toll-free 00800-22-44-6000, or www.qiagen.com/contact

Important notes before starting

- Read the safety information in the *BioSprint[®] 96 User Manual* before use.
- Dissolve carrier RNA in Buffer AVE as indicated on the tube.
- Add isopropanol (100%) to Buffer ACB and ethanol (96–100%) to Buffers AW1 and AW2 before use. See the respective bottle labels for volumes.
- Equilibrate buffers to room temperature (15–25°C).
- If using a sample volume less than 200 µl, add PBS to bring total sample volume to 200 µl.
- 96-Rod Covers are supplied as packs of 1 or 2, inserted into an S-Block. If using a pack of 2 covers, store the second cover in another S-Block or plate. Take care to not bend the covers.

Procedure

1. Label 5 x S-Blocks and one 96-Well Microplate MP.
2. Pipet 20 µl Proteinase K into the bottom of an S-Block well and add 200 µl sample. If your sample volume is less than 200 µl, bring it to 200 µl by adding PBS.
3. Prepare Buffer VXL mixture (see Table 1) and mix thoroughly for 30 s.

Note: Do not add proteinase K directly to this Buffer VXL mixture!

Table 1. Buffer VXL mixture preparation

Reagent	Number of samples*		
	1	48	96
Buffer VXL	100 µl	4.8 ml	9.6 ml
Buffer ACB	400 µl	19.2 ml	38.4 ml
MagAttract Suspension G	25 µl	1.2 ml	2.4 ml
Carrier RNA (1 µg/µl)	1 µl	48 µl	96 µl

* Prepared volumes are 105% of required volumes to compensate for pipetting errors and possible evaporation. Excess buffer should be discarded.

- Add 500 µl Buffer VXL mixture to each sample in the S-Block.
- Prepare 4 additional S-Blocks (slots 2–6) and one 96-Well Microplate MP according to Table 2.

Table 2. BioSprint 96 worktable setup and reagent volumes

Slot	Loading message	Format	Item to add	Volume per well (µl)
6	Load Rod Cover	S-Block	Large 96-Rod Cover	—
5	Load Elution	96-Well Microplate MP	Buffer AVE	100
4	Load Wash 3	S-Block	Ethanol (96–100%)	750
3	Load Wash 2	S-Block	Buffer AW2	700
2	Load Wash 1	S-Block	Buffer AW1	700
1	Load Lysate	S-Block	Lysate*	720

* Includes 20 µl Proteinase K, 200 µl sample and 500 µl Buffer VXL mixture.

- Switch the BioSprint 96 on at the power switch.
- Slide the front door of the protective cover open.
- Select the protocol “BS96 cador v2” using the ▲ and ▼ keys.
- Press “Start” and follow the messages for loading the worktable as shown in Table 2.