



Aqib Majeed <viamed.aqib.majeed2@gmail.com>

Fwd: [EXTERNAL] Sampling lines specifications

Steve Nixon <steve.nixon@viamed.co.uk>
To: office@vmsecure.me.uk

Mon, Feb 16, 2026 at 11:57 AM

Please set up an account for Keenova and process a FOC order to Aidan. These are being supplied for R&D evaluation purposes.

1 x 4420873
1 x 4420531
1 x UPS Express Saver

Aidan Boland

Principal Mechanical Engineer

Keenova Therapeutics

College Business & Technology Park, Cruiserath Road, Blanchardstown, Dublin 15, D15 TX2V, Ireland

Mobile: +353-87 1162002aidan.boland@mnk.com

Steve

----- Forwarded message -----

From: **Boland, Aidan** <aidan.boland@keenova.com>
Date: Mon, 16 Feb 2026 at 11:21
Subject: Re: [EXTERNAL] Sampling lines specifications
To: Steve Nixon <steve.nixon@viamed.co.uk>

Thanks Steve

You can use the address in my signature

Aidan Boland

Principal Mechanical Engineer

Keenova Therapeutics

College Business & Technology Park, Cruiserath Road, Blanchardstown, Dublin 15, D15 TX2V, Ireland

Mobile: +353-87 1162002aidan.boland@mnk.com**Keenova email address coming soon**

From: Steve Nixon <steve.nixon@viamed.co.uk>
Sent: Monday, February 16, 2026 11:19 AM
To: Boland, Aidan <Aidan.Boland@sbiopharma.com>
Subject: Re: [EXTERNAL] Sampling lines specifications

Hi Aidan

Can you please confirm the contact details and delivery address.

Steve

On Mon, 16 Feb 2026 at 11:18, Steve Nixon <steve.nixon@viamed.co.uk> wrote:

Hi Aidan

We will ship tomorrow.

Steve

On Mon, 16 Feb 2026 at 09:46, Boland, Aidan <aidan.boland@keenova.com> wrote:

Hi Steve

Do you know if these samples have shipped yet or could you provide an ETA?

We are eager to get testing with these.

Also as mentioned on the phone, if providing a signed document/memo stating these samples will only be used for R&D purposes is something that would alleviate any concerns you may have, I would be happy to provide that. Let me know how you would like to proceed

Regards
Aidan

From: Steve Nixon <steve.nixon@viamed.co.uk>
Sent: Monday, February 9, 2026 12:08 PM
To: Boland, Aidan <Aidan.Boland@sbiopharma.com>
Subject: Re: [EXTERNAL] Sampling lines specifications

Hi Aidan

Can you please phone me to discuss.

+44 7850 252267

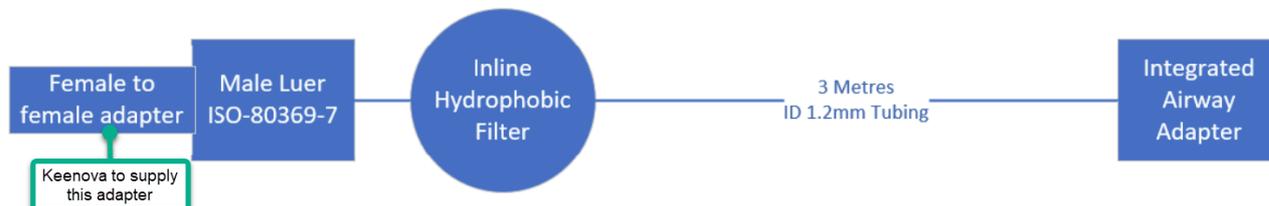
Regards

Steve

On Fri, 6 Feb 2026 at 09:46, Boland, Aidan <aidan.boland@keenova.com> wrote:

Thanks for getting back to me Steve

Due to the recessed nature of our Luer lock on the front of our device, for these samples it is simpler if you supply the device side of the sample line with a male fitting, we can then use a female to female adapter to our device. Hopefully this makes sense:



To answer your question:

- Can you please confirm that you are using lines with I.D. of 1.2 mm for use with Infants?
 - Yes, we use 1.2mm ID, we currently only have 1 sample line for both adult and infants.

At this time we do not need any infant sizes. If possible could I make a change to the requested qty's? Again, we are happy to pay for these samples if you share a quote with us. Could we have:

- Qty 50: 3m sample lines called out in the diagram above.
- Qty 50: Luer lock airway adapters

Regards
Aidan

From: Steve Nixon <steve.nixon@viamed.co.uk>
Sent: Wednesday, February 4, 2026 1:13 PM
To: Boland, Aidan <aidan.boland@mnk.com>
Subject: [EXTERNAL] Sampling lines specifications

Hi Aidan / Eoin

Thank you for the time yesterday to discuss your sampling line project.

None of our standard range lines incorporate a Luer Lock Female (LLF) connection. However, we do have the tooling, as it is used on another bespoke sampling line assembly.

We generally just sell the Adult/Paediatric airway adapters separately, since the integrated version is better for use with Infants. However, if suitable we can supply the infant version.

We could produce some samples of sampling lines, as requested initially just the adult/paediatric version for testing:

3m length line LLM - LLF
I.D. 1.2mm (72hrs version)
Hydrophobic filter
Integrated adult/paediatric airway adapter

3m length line LLM - LLF
I.D. 1.2mm (72hrs version)
Hydrophobic filter
Integrated infant airway adapter

For testing you could attach to your existing assembly to determine whether the water trap is still required or not. If your assessment finds that it is not required at all, then direct connection to your monitor may well be deemed possible. I believe that the alarm on your monitor should be triggered if the filter is blocked.

Our standard lines have an I.D. of 1 mm, but again we do have I.D. 1.2 mm which is used with other bespoke assemblies. Can you please confirm that you are using lines with I.D. of 1.2 mm for use with Infants?

For your information we already have the 510K for sampling lines with integrated airway adapters, so this would be an easier route for the U.S. market. However, from what you said you prefer separate airway adapters to make the replacement of the lines quicker.

Regarding the Luer Lock connectors, I can confirm that ours also comply with ISO 80369-7 (small-bore connector for intravascular or hypodermic applications) which replaces ISO 594 (Luer Lock connector). The dimensions of the connectors are identical, but strictly speaking this -7 is supposed to be only for needles, syringes, catheters, etc. All sampling lines for breathing gases on the world market require a small-bore connector which should be in accordance with ISO 80369-2 (connecting pieces for breathing systems and drive gas applications). However, at the moment all manufacturers still use the Luer Lock connector, since all device connections also use a Luer Lock.

For the airway adapters the tubing sizes are as follows:
Adult/Paediatric: 15 mm O.D. to 15 mm I.D. / 22 mm O.D.
Infant: 15 mm O.D. to 4 mm I.D./15 mm I.D

Kind regards

--
Steve

Steve Nixon
Director - Viamed Ltd.

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GDPR / Privacy Policy available at www.viamed.co.uk/policy

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