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Product update notification – EZ1 DNA Investigator Kit, Cat No 952034

Dear valued customer,

As a user of the Cat No 952034 EZ1 DNA Investigator Kit (48), we would like to inform you that the following changes will be implemented and made effective in lot number 169046005.

1. Rename EZ1 DNA Investigator Kit to EZ1&2 DNA Investigator Kit

With the launch of the EZ2 Connect Fx instrument, we will rename all our existing EZ1 Kits. As the kit is compatible with the EZ1, EZ1 Advanced XL and the EZ2 Connect Fx instruments, we will rename **Cat no 952034 EZ1 DNA Investigator Kit (48) to EZ1&2 DNA Investigator Kit (48)**. All the marketing and product-related material included but not limited to labels, handbooks, flyers etc. will reflect the new kit name. The catalog item number 952034 will not change and will stay the same.

2. Barcode update

As the EZ2 Connect Fx instrument will have an internal camera to read barcodes on top of kit cartridges that allow for load checks, we will add 2D barcodes on cartridge labels of Cat No 952034 EZ1&2 DNA Investigator Kit (48). The addition of barcodes will not have any impact on using the kit on the EZ1 instrument series.

3. Extra MTL Buffer supplied within the EZ1&2 DNA Investigator Kit, Cat No 952034

With the widely used **large-volume protocol**, up to 500 µl of pretreated samples can be processed. The ability to process larger sample volumes with the same elution volume as the standard trace protocol enables higher yields of more concentrated DNA for greater sensitivity in downstream applications. However, this protocol requires extra buffer MTL.

A laborious step of manually adding extra MTL buffer will be omitted when using the **large-volume protocol on the EZ2 Connect Fx instrument**, as we will supply extra MTL Buffer within the cartridge (well 10) of the EZ1&2 DNA Investigator Kit, Cat No 952034. The EZ2 Connect Fx will have the capability to add this extra MTL buffer on deck. <u>This change will not impact the use of the large-volume protocol on the EZ1 Advanced XL instruments, where you will continue to add extra MTL buffer MTL manually.</u>

However, when using the **large-scale bone card supplementary protocol MA73** (Purification of DNA from bones and teeth using the EZ1 Advanced or EZ1 Advanced XL), the 1.8 ml protocol will slightly change. It still requires extra Buffer MTL that needs to be added manually by piercing a hole in well 10 of the EZ1&2 DNA Investigator cartridge, transferring 300 µl of the sample supernatant and adding 260 µl (instead of 680 µl) of buffer MTL to well 10. The supplementary protocol MA73 will be changed accordingly.

The composition of buffers, reagents, material safety and effectiveness of the kit are not affected by any of the changes mentioned above.

4. Two Quick Start Protocols

Due to the compatibility of Cat No 952034 with the EZ1 Instrument series and the new EZ2 Connect FX, two Quick Start Protocols will be available from the kit.

Please note that lot number 169046005 indicates the first EZ1&2 DNA Investigator Kit available impacted by the changes outlined above. Any EZ1&2 DNA Investigator Kits with a lot number numerically larger than 169046005 will also have the new manufacturing change.

Sincerely yours

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