

Specification

**DNA-ExitusPlus™ IF**

**A7409**

<b>Product Code:</b>	A7409
<b>Product Name:</b>	DNA-ExitusPlus™ IF
<b>Specifications:</b>	<ul style="list-style-type: none"> <li>: • removes DNA and RNA contaminations from surfaces</li> <li>: • for cleaning of PCR work stations and equipment</li> <li>: • for cleaning of electrophoresis equipment, pipetts, reaction tubes etc.</li> <li>: • delivered as spray bottles or as refill bottles (RF)</li> <li>: ♦ <b>The special features</b></li> <li>: • <b>indicator-free</b> version of DNA-ExitusPlus™</li> <li>: • All components of DNA-ExitusPlus™ IF are readily biologically degradable and not harmful or toxic for humans.</li> <li>: • Doesn't contain aggressive mineralic acids or alkaline substances</li> <li>: • No toxic fumes. Contains low concentration of alcohol.</li> </ul> <p>Functionality (Strand breakage test): passes test</p> <p>Efficacy (ExitusPlus™ activity test): passes test</p>
<b>WGK:</b>	1
<b>Storage:</b>	RT protected from light
<b>CS:</b>	38220000

**AppliChem GmbH**

**Comment**

In a biotechnological research laboratory, stains on equipment, working surfaces or the floor are considered a blemish, as it indicates sloppy working conditions or simply that something was spilled. It can become really dangerous, if something is spilled that you cannot see - not even after the spilled reagent has dried up. Ethidium bromide does not become visible until the room or the object is illuminated with ultraviolet light. But what about acids and bases? Have you ever put an undamaged garment into your washing machine only to find it full of holes upon taking it out? The acid or base splashes had not been visible before! Sodium azide is a toxic component of many buffers to prevent the growth of bacteria and fungi. Strangely enough, it is sometimes also contained in certain nucleic acid decontamination products - despite the fact that it does not have any degrading effect on nucleic acids. And you are spraying this product on your surfaces as well! The spraying of many precarious reagents in particular lead to the so-called "stacking effect", meaning that over time, residues of the reagents that were not removed accumulate on surfaces, as well as inside equipment. Once a critical concentration is reached, surfaces, boards and computers start being attacked or even destroyed, without the user being able to make the connection to the products used! Many reagents for nucleic acid decontamination exercise their "effect", among others, by inhibiting PCR reactions - something they can only do, if they are not removed in their entirety. In contrast to this, our products work differently: DNA-ExitusPlus™ really disintegrates nucleic acids into their individual components without acting corrosively on surfaces or equipment. In order to be able to see, where DNA-ExitusPlus™ was used, we have added a color indicator to our nucleic acid and RNase decontamination products DNA-ExitusPlus™ and RNase-ExitusPlus™. It leaves a reddish-violet film on the treated surface that is easily removed with water. Thus, you can see exactly, where the product was used. Not every user was happy with this. Therefore, we offer DNA-ExitusPlus™ in an indicator-free (IF) version as well. DNA-ExitusPlus™ is a registered trademark of AppliChem GmbH.