



Simplify skeletal processing with Visikol[®] TOX[™]

20-30% decrease in overall study time

Flexible scheduling without monitoring specimens

Non-destructive reagents

Easy to implement and use

Total cost: \$650 per study

Based on a study involving 480 fetal rats



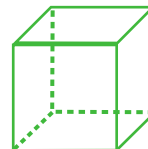
Pre-treatment



Staining



Washing



Clearing



Visualization

Add a new dimension to toxicology[™]

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OVERVIEW:

The Visikol® TOX platform has been developed to replace the traditional KOH based skeletal processing procedure with a more rapid and easy-to-use process. Through using the Visikol® TOX platform, a CRO will be able to reduce their current skeletal processing time down to 2-6 days depending upon the fetal animal type (mouse, rat, rabbit) and staining procedure (Alizarin Red S or Alizarin Red S/Alcian Blue 8GX). In addition to reducing total study time by up to 30% and increasing laboratory throughput, the Visikol® TOX platform has four other benefits which will improve study throughput and reduce costs:



1) NON-DESTRUCTIVE:

The Visikol® TOX process works by rendering soft tissues transparent instead of digesting them away. This process is non-destructive, creating stronger, sturdier specimens and also removes the possibility of over-digesting samples. Many in the DART industry understand the possibility of coming into their lab after a holiday or weekend to find trays filled with piles of bones which have been over-digested and ruined. With Visikol®, you'll never have to worry about that again.

2) SCHEDULING FLEXIBILITY:

All KOH based skeletal processing procedures must be scheduled precisely in order to avoid the possibility of over-digestion. Many times in order to meet business needs, employees work over-time, weekends, holidays, and even during extreme weather. With the non-destructive Visikol® TOX approach, samples can be kept in the clearing solution indefinitely without over-digestion, providing much greater workflow flexibility in your lab.

3) REDUCED OVERSIGHT:

Because the Visikol® TOX approach is non-destructive, it does not need constant oversight like the traditional KOH based approach. A technician is only needed to change solutions and not for monitoring samples for over-digestion. This further reduces FTE costs and allows you to flexibly schedule studies to meet business needs.

4) LOW IMPACT GREEN CHEMISTRY:

The Visikol® TOX process is a green chemistry process, using aqueous reagents that can be discarded down the sink. Additionally, the reagents involved with the Visikol® TOX process can be shipped in bulk which drastically reduces the environmental impact of shipping.

