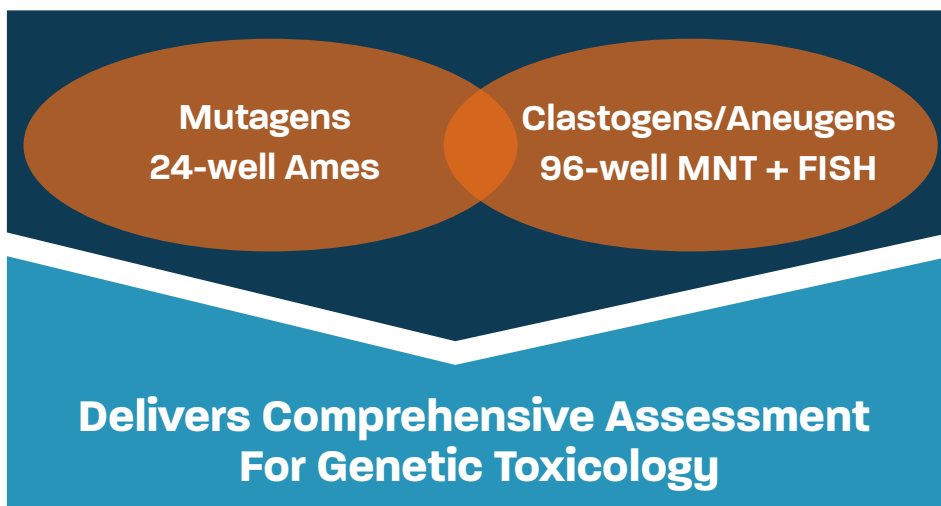


Screening Package #1

24-Well Ames + 96-Well MNT & FISH

Using Ames 24-well and 96-well MNT + FISH, delivers a **comprehensive assessment** for mutagenic, clastogenic and aneugenic mechanisms, **in formats optimised for screening**. The Ames 24-well is an **agar based assay** with similar predictivity to the OECD 471 study but **using just 20 mg of test item**. When combined with our miniaturised 96-well MNT + FISH, which enables prediction of OECD 487 with **as little as 30 mg of material**, we can **predict regulatory battery outcomes in shorter timeframes**, using less test item and at a **substantially reduced cost**.

Screening Strategy Enables Detection Of:



Test Systems	TA98, TA100 (24-well Ames) TK6 (96-well Micronucleus Assay)
Metabolic Activation	Typically, induced rat liver S9, though other sources are available
Test Conditions	Plate incorporation (24-well Ames) Short +S9, Long -S9, 2 arm study (96-well Micronucleus Assay)
Test Item Requirements	< 50 mg
Study Duration	< 6 Weeks
Endpoint	Mutagenicity, Micronucleus (Clastogenic & Aneugenic)

Utilise this strategy in your toxicology screening needs and talk to our Tox Team at **+44(0) 1625 238700** or email at **info@gentronix.co.uk**