

Rapid Micronucleus MoA Kit

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND THE COMPANY UNDERTAKING		
Product name:	Rapid Micronucleus MoA Kit	
Product code:	M020	
Synonyms:	MoA	
Recommended uses:	Analyses of Micronucleus and chromosomal aberrations on cytogenetic slides. Not for use in humans. Research only	
Supplier:	Xenometrix AG, Gewerbestrasse 25, CH-4123 Allschwil, Switzerland	
Emergency contact numbers:	Telephone: +41 61 482 14 34 Fax: +41 61 482 20 72	
Country of origin:	Switzerland	
2. HAZARDS IDENTIFICATION		
Classification:	No data available	
Label element:	Keep out of the reach of children	
Hazard statement(s):	H315	Causes skin irritation
	H320	Causes eye irritation
Precautionary statement(s):	P261	Avoid breathing mist/vapor
	P280	Wear protective gloves/eye protection
	P305+P351+P338	If in contact with eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Other hazards:	No data available	
3. COMPOSITION / INFORMATION ON INGREDIENTS		
Product:	M020-DC20	DAPI Counterstaining 1000x
	M020-MS20	Mounting Solution, contains PPD
	M020-PR20	Centromere Probe, contains 1. Cy-3-labeled PNA probe and FITC-labeled PNA probe or Cy3-labeled G-rich telomere probe; 2. FITC-labeled probe
	M020-WA20	Wash Solution10x, contains TRIS, NaCL, Tween-20
	M020-MF20	Microfilm
Description:	MoA kit is patented, the precise composition is therefore not mentioned	
CAS-No:	No data available	
Index-No:	No data available	
Other information:	No data available	
4. FIRST AID MEASURES		
General information:	If any doubt or if symptoms persist, seek medical attention	
Eye contact:	Flush the eye for several minutes with water; Contact a doctor; Do not rub your eyes	
Skin contact:	Wash skin with soap and water. Remove contaminated clothing. If symptoms occur, consult a doctor. If adhesive bonding occurs, do not force skin apart. It may be gently peeled apart using a blunt	

Document-No. REC-82-07_X	MSDS	Valid from Release Date
Version-No. 5.0		Valid until Cancellation Date
MSDS M020 Kit.docx	RECORDS	

object such as a spoon, preferably after soaking in warm soapy water

Inhalation: Move affected person to fresh air. Get medical attention if any discomfort continues

Ingestion: Contact a doctor. If the lips are glued together, apply plenty of warm water and gently disassemble them

5. FIRE-FIGHTING MEASURES

Extinguishing media: Foam, carbon dioxide or dry powder

Special hazards arising from the substance or mixture: The product is not flammable. In case of fire, nitrogen oxides can be formed. Fire will develop smoke containing harmful gases (carbon monoxide and carbon dioxide)

Advice for firefighters: Wear self-contained breathing apparatus and protective clothing to prevent contact

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear appropriate personal protective equipment – see section 8
 Avoid contact with skin and eyes. Provide adequate ventilation
 Avoid breathing mist/vapor. Keep unauthorized and unprotected persons away

Environmental precautions: Do not let product enter the drains

Methods and materials for containment and cleaning up: Spills: Wipe up with absorbent material (e.g. cloth, fleece). Then rinse the spillage site with plenty of water. Collected material is disposed of in accordance with section 13

7. HANDLING AND STORAGE

Handling: Wear appropriate personal protective equipment – see section 8.
 Avoid contact with skin and eyes. Avoid breathing mist/vapor.
 Provide adequate ventilation. Do not eat, drink or smoke when using this product. Keep this product away from food and out of reach of children and pets. Remove work clothes and protective equipment before meals. The packaging is handled and opened carefully. Wash hands after handling the product. Remove contaminated clothing. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Keep container tightly closed when not in use. Use only in well ventilated areas.

Storage: Store in the original container as much as possible. Keep away from combustible materials, heat or sunlight. Keep out of the reach of children.

M020-DC20	DAPI Counterstaining 1000x	-20°C
M020-MS20	Mounting Solution	-20°C
M020-PR20	Centromere Probe	-20°C
M020-WA20	Wash Solution10x	2-8°C
M020-MF20	Microfilm	Room Temperature

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriate technical measures: Airborne concentrations must be kept as low as possible. Provide sufficient ventilation.

General information / Hygiene measures: Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom. Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands,

Document-No. REC-82-07_X	MSDS	Valid from Release Date
Version-No. 5.0		Valid until Cancellation Date
MSDS M020 Kit.docx	RECORDS	

Personal protection:
Eye protection:
Hand protection:
Body protection:
Respiratory protection:

forearms and face. Make sure that eyewash are clearly marked.

Avoid contact with eyes and skin. Avoid breathing vapor.

Only CE-marked personal protection equipment should be used.

No wear eye protection needed.

Wear protective gloves made of the following material: Polyethylene, Polypropylene, Viton. EN 374.

Wear appropriate protective clothing.

In case of insufficient ventilation, wear suitable respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	M020-DC20	DAPI Counterstaining 1000x	Colorless liquid
	M020-PR20	Centromere Probe	Colorless liquid
	M020-WA20	Wash Solution10x	Colorless liquid
	M020-MF20	Microfilm	Colorless paper
	M020-MS20	Mounting Solution	Brown / Viscous
pH:	No data available		
Odour:	No data available		
Melting point:	No data available		
Boiling point:	No data available		
Flash point:	No data available		
Evaporation rate:	No data available		
Flammability:	No data available		
Self-ignition temp.:	No data available		
Danger of Explosion:	No data available		
lower explosion limit:	No data available		
upper explosion limit:	No data available		
Decomposition Temp.:	No data available		
Kinematic Viscosity:	No data available		
Vapor Pressure:	No data available		
Relative Density (20°C):	No data available		
Relative Gas Density (20°C):	No data available		
Water Solubility (20°C):	No data available		
Log KOW:	No data available		

10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal storage conditions and recommended use
Reactivity:	None under normal conditions
Conditions to avoid:	High humidity, high temperature or direct sunlight
Incompatibilities with other materials:	No data available
Hazardous decomposition products:	No data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not classified
Skin corrosion/irritation:	May cause skin irritation at high concentration
Serious eye damage/eye irritation:	May cause eye irritation
Respiratory or skin sensitization:	May cause respiratory irritation
Other:	No data available

Document-No. REC-82-07_X	MSDS	Valid from Release Date
Version-No. 5.0		Valid until Cancellation Date
MSDS M020 Kit.docx	RECORDS	

12. ECOLOGICAL INFORMATION

Toxicity:	Not classified
Persistence and degradability:	The product is biodegradable
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Result of PBT and vPvB assessment:	No CPSR are created
Other adverse effects:	No data available

13. DISPOSAL CONSIDERATION

Waste treatment methods:	Must be disposed of in accordance with local and national regulations. The coding of a waste stream is based on the application of the product by the consumer
Treatment key:	No data available
Contaminated packaging/product:	Packaging which contains leftovers from the product must be disposed of in the same way as the product
Special precaution:	No data available

14. TRANSPORT INFORMATION

ADR / RID	Not classified as hazardous for transport
IMDG	Not classified as hazardous for transport
IATA	Not classified as hazardous for transport

15. REGULATORY INFORMATION

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

16. ADDITIONAL INFORMATION

No data available

Document-No. REC-82-07_X	MSDS	Valid from Release Date
Version-No. 5.0		Valid until Cancellation Date
MSDS M020 Kit.docx	RECORDS	