

## SAFETY DATA SHEET

**Issuing Date:** 2020-02-18  
**Revision Date:** 2020-02-18  
**Revision:** New

### SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

**Supplier:**

Aalto Scientific, Ltd.  
230 Technology Parkway  
Eatonton, GA 31024  
U.S.

**Product name:** Linearity FLQ Anemia for Siemens Centaur  
**Product code:** K819M-5  
**Pure substance/preparation:** Preparation  
**Intended Use:** For In Vitro Diagnostic use only.

**Customer service telephone:** (760) 431-7922  
**Email:** ehs@aaltoscientific.com

**Emergency telephone number:** 1-800-748-6674

### SECTION 2 - HAZARDS IDENTIFICATION

**2.1 Classification:** This product contains no hazardous chemicals in reportable quantities in accordance with 29CFR1910 (OSHA HCS) or Regulation (EC) No 1272/2008 (CLP).

**2.2 Label Elements**

Product name	Linearity FLQ Anemia for Siemens Centaur
Hazard pictograms	None assigned
Signal word(s)	None assigned
Hazard statements	None assigned
Precautionary statement(s)	None assigned

**2.3 Other hazard information:** Some components of this kit contain human and/or animal blood

derivatives. No known test method can offer complete assurance that products derived from human and/or animal blood will not transmit infectious agents. Therefore, all blood derivatives should be considered potentially infectious. Contains anti-microbial materials that could be toxic in large doses.

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Component(s)	CAS Number	Weight %	OSHA PEL:	OSHA STEL:
Human/bovine serum	N/A	99-100%	N/A	N/A
Sodium Azide	26628-22-8	<0.1%	N/A	N/A

## SECTION 4 – FIRST AID MEASURES

<b>Eye contact:</b>	May Cause irritation. In the case of contact with eyes, rinse immediately with plenty of water for 15 minutes and seek medical attention.
<b>Skin contact:</b>	May cause slight skin irritation. If a person feels unwell or symptoms of skin irritation appear, consult a physician. Wash off immediately with soap and plenty of water.
<b>Ingestion:</b>	May cause gastrointestinal irritation, nausea, vomiting and diarrhea
<b>Inhalation:</b>	May cause irritation of respiratory tract
<b>Protection of first-aiders:</b>	Wear suitable gloves and eye/face protection.

## SECTION 5 – FIRE FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Use any extinguishing media which is suitable for the surrounding fire.
<b>Extinguishing media which must not be used for safety reasons:</b>	None.
<b>Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:</b>	None reasonably foreseeable.
<b>Combustion products or resulting gases:</b>	None.

**Special protective equipment for firefighters:**

Wear self-contained breathing apparatus and protective suit.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Wear suitable gloves and eye/face protection. Handle all blood and materials in contact with blood as if capable of transmitting infectious agents. It is recommended that blood and materials in contact with blood be handled using established good laboratory practices.

**Environmental precautions:**

Waste disposal must be in accordance with appropriate US, Federal, State and International regulations.

**Methods for cleaning up:**

Wipe up with absorbent material (e.g. cloth, fleece). Clean with disinfectants. Clean contaminated surface thoroughly.

## SECTION 7 – HANDLING AND STORAGE

### Handling:

Technical measures/precautions:

Wear protective safety glasses, gloves and clothing.

Safe handling advice:

Always replace cap after use. Wear disposable gloves while handling reagents. Thoroughly wash hands afterwards.

### Storage:

Technical measures/storage conditions:

Store opened and unopened containers in accordance with COA or package insert.

Incompatible products:

Keep away from sources of ignition.

**Specific use(s):**

In vitro diagnostic use only.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Exposure limits:**

No information available.

### **Exposure controls / personal protection**

**Engineering controls:**

Ensure adequate ventilation.

**Respiratory protection:**

None required.

**Hand protection:**

Wear disposable gloves while handling. Thoroughly wash hands

afterwards.

<b>Eye protection:</b>	Wear eye/face protection
<b>Skin and body protection:</b>	Wear suitable protective clothing. Wear suitable gloves and eye/face protection.
<b>Environmental exposure controls:</b>	No information available.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid.	<b>Vapor Pressure:</b>	No information available.
<b>Appearance:</b>	No information available.	<b>Specific gravity:</b>	No information available.
<b>Colour:</b>	No information available.	<b>Density (20/4):</b>	No information available.
<b>Odour:</b>	No information available.	<b>Water solubility:</b>	No information available.
<b>Flash Point:</b>	No information available.	<b>Solubility in other solvents:</b>	No information available.
<b>pH:</b>	Neutral.	<b>Partition coefficient:</b>	No information available.
<b>Flammability (solid, gas):</b>	No information available.	<b>Viscosity:</b>	No information available.
<b>Explosive properties:</b>	No information available.	<b>Vapor density:</b>	No information available.
<b>Oxidizing properties:</b>	No information available.	<b>Evaporation rate:</b>	No information available.
<b>Autoignition temperature:</b>	No information available.	<b>Fat solubility (g/l)</b>	No information available.
<b>Miscibility:</b>	No information available.	<b>Gas group:</b>	No information available.
<b>Volume resistivity:</b>	No information available.		

## SECTION 10 – STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable under recommended storage conditions.
<b>Materials to avoid:</b>	No information available.
<b>Conditions to avoid:</b>	Keep away from heat and sources of ignition.
<b>Hazardous polymerisation:</b>	No information available.
<b>Possibility of hazardous reactions:</b>	No information available.
<b>Hazardous incompatibilities/decomposition products:</b>	Thermal decomposition can lead to release of irritating gases and vapors. Metals and metallic compounds: Sodium azide forms explosive compounds with heavy metals. Repeated contact of low

concentrations of azide with lead and copper commonly found in plumbing drains may result in the build up of shock sensitive compounds.

## SECTION 11 – TOXICOLOGICAL INFORMATION

<b>Primary routes of exposure:</b>	The most likely routes of exposure are skin and eye contact and inhalation. Material may be absorbed through the skin.
<b>Symptoms of overexposure:</b>	No specific symptoms identified
<b>Eye contact:</b>	May cause eye irritation.
<b>Skin contact:</b>	May cause skin irritation.
<b>Ingestion:</b>	Not expected to be toxic if swallowed.
<b>Inhalation:</b>	Not expected to be toxic if inhaled.
<b>Target organ(s):</b>	Not available.
<b>Reproductive effects:</b>	Not available.
<b>Developmental effects:</b>	Not available.
<b>Carcinogenicity:</b>	Not available.
<b>Genotoxic effects:</b>	Not available.

## SECTION 12 – ECOLOGICAL INFORMATION

### Ecotoxicity

<b>Ecotoxicity effects:</b>	This product has no known ecological effects.
<b>Aquatic toxicity effects:</b>	Sodium Azide: LC50 daphnia pulex 4.2mg/L/96 hr; LC50 rainbow trout 0.8-1.6 mg/L/96 hr
<b>Mobility:</b>	No data available.
<b>Persistence/degradability:</b>	No data available.
<b>Bioaccumulation:</b>	No data available.
<b>Degradation:</b>	No data available.

## SECTION 13– DISPOSAL CONSIDERATIONS

<b>Waste from residues/unused products:</b>	Waste disposal must be in accordance with appropriate US, Federal, State and International regulations.
---	---

**Contaminated packaging:**

Waste disposal must be in accordance with appropriate US, Federal, State and International regulations.

## SECTION 14 – TRANSPORT INFORMATION

Product not regulated by DOT, IATA/ICAO, IMO/IMDG, ADR/RID, or TDG.

## SECTION 15– REGULATORY INFORMATION

<b>U.S. Federal Regulations:</b>	
<b>U.S. CERCLA/SARA/TSCA Regulatory Information:</b>	<p>This Product does not contain any chemicals currently listed on the Section 302/312, SARA Title III above the OSHA de minimis concentration.</p> <p>This product does not contain any chemicals currently listed with a CERCLA RQ above the OSHA de minimis concentration.</p>
<b>California Proposition 65</b>	<p>This product contains trace amounts of the following substances known to the State of California to cause Cancer and/or reproductive harm: None</p>

## SECTION 16 – OTHER INFORMATION

**This data sheet contains changes from the previous version in section(s):**

Not applicable.

**Restrictions on use:**

This product is not for human consumption. In vitro diagnostic use only.

**Additional advice:**

None.

**Full text of R-phrases referred to under sections 2 and 3**

Not applicable.

**Disclaimer:**

The information and recommendations contained herein are based upon tests believed to be reliable. However, Aalto Scientific, Ltd., does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. Aalto Scientific, Ltd. assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.

**End of Safety Data Sheet**