

## Section 1 – Product and Company Identification

### Manufacturer Information

Quidel Corporation	Phone: 1.800.874.1517	Web: <a href="http://quidel.com">quidel.com</a>
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### Product Information

Product Name: Polyclonal Goat Antisera – A300 Series (Catalog #: A300 to A319)

Intended Use: The complement specific polyclonal goat antisera are used as research reagents.

Components: Fixed or Custom Filled

Product Description	Custom Bulk Part Number	Custom Unit of Measure	Fixed Quantity Part Number	Fixed Quantity in each Unit	Preservative / Concentration
Goat Anti-human C1-Inhibitor	A7704	mL	A300	2.0 mL	0.2% Sodium Azide
Goat Anti-human C1q	A2148	mL	A301	2.0 mL	0.2% Sodium Azide
Goat Anti-human C1s	A7706	mL	A302	2.0 mL	0.2% Sodium Azide
Goat Anti-human C2 (Ig Fraction)	A7707	mL	A303	1.0 mL	0.2% Sodium Azide
Goat Anti-human C3	A7708	mL	A304	2.0 mL	0.2% Sodium Azide
Goat Anti-human C4	A7709	mL	A305	2.0 mL	0.2% Sodium Azide
Goat Anti-human C5	A7710	mL	A306	2.0 mL	0.2% Sodium Azide
Goat Anti-human C6	A7711	mL	A307	2.0 mL	0.2% Sodium Azide
Goat Anti-human C7	A7712	mL	A308	2.0 mL	0.2% Sodium Azide
Goat Anti-human C8	A7713	mL	A309	2.0 mL	0.2% Sodium Azide
Goat Anti-human C9	A7714	mL	A310	2.0 mL	0.2% Sodium Azide
Goat Anti-human Factor B	A7715	mL	A311	2.0 mL	0.2% Sodium Azide
Goat Anti-human Factor H	A7716	mL	A312	2.0 mL	0.2% Sodium Azide
Goat Anti-human Factor I	A7717	mL	A313	2.0 mL	0.2% Sodium Azide
Goat Anti-human Factor D	A7900	mL	A314	1.0 mL	0.1% Sodium Azide
Rabbit Anti-human C3a	A7906	mL	A315	1.0 mL	0.1% Sodium Azide
Rabbit Anti-human C4a	A7907	mL	A316	1.0 mL	0.09% Sodium Azide
Rabbit Anti-human SC5b-9 Neo	A7908	mL	A317	1.0 mL	0.1% Sodium Azide
Goat Anti-human Factor P	A7911	mL	A318	1.0 mL	0.1% Sodium Azide
Rabbit Anti-Human Vitronectin	A7913	mL	A319	1.0mL	0.1% Sodium Azide

## Section 2 – Hazards Identification

### Emergency Overview

Component	OSHA Hazards	Target Organs	GHS Classification
Polyclonal Goat Antisera	None	No data available	Acute Toxicity, Oral (Category 5) Acute Toxicity, Dermal (Category 5) Chronic Aquatic, Toxicity (Category 3) Acute Aquatic, Toxicity (Category 3)

### GHS Classification and Label Elements

Component	Pictogram	Signal Word	Hazard Statements	Precautionary Statements
Polyclonal Goat Antisera	None	Warning	H303 May be harmful if swallowed.  H313 May be harmful in contact with skin.  H412 Harmful to aquatic life with long lasting effects.	P264 Wash hands thoroughly after handling.  P273 Avoid release to the environment.  P281 Use personal protective equipment, as required.
<b>Supplemental Hazard Statements</b>			1. Follow Universal Precautions when working with these components. Refer to additional Universal Precautions in Section 7, Handling and Storage. 2. Sodium azide may react with lead and copper plumbing to form highly explosive metal azides. 3. Avoid release to the environment.	

## Section 3 – Composition / Information on Ingredients

Component	Chemical Name	CAS #	EINECS #	Conc. (%)	Component Volume
Polyclonal Goat Antisera	Sodium Azide	26628-22-8	247-852-1	0.09 to 0.2	1 to 2 mL

## Section 4 – First Aid Measures

### General Advice

Move out of the exposure area. Show this Safety Data Sheet (SDS) to the doctor in attendance, as necessary.

- If inhaled:* Move the person to fresh air and support breathing as required.
- In case of skin contact:* Wash affected area with soap and water. Seek medical advice if irritation develops.
- In case of eye contact:* Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical attention.
- If swallowed:* Never give anything by mouth to an unconscious person. Rinse mouth with water (do not swallow). Seek medical advice if irritation develops.
- Note to Physicians:* Treat symptomatically.

## Section 5 – Fire Fighting Measures

### General Advice

Only individuals properly trained and issued appropriate personal protective equipment should respond and attempt to extinguish a fire.

<i>Suitable Extinguishing Media:</i>	For small fires, use dry chemical, carbon dioxide or alcohol-resistant foam.
<i>General Fire Hazards:</i>	The components within this kit will not significantly contribute to the intensity of a fire.
<i>Hazardous Combustion Products:</i>	No data available.
<i>Fire Fighting Equipment:</i>	Firefighters should wear full protective gear when responding to fires.

## Section 6 – Accidental Release Measures

### General Advice

Only individuals properly trained and issued appropriate personal protective equipment should respond and attempt to clean up a spill or release. Large spills of the solutions, controls or reagents contained within this kit are unlikely.

<i>Personal Precautions:</i>	Use personal protective equipment, including protective gloves and safety glasses when cleaning up small spills. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Keep all unnecessary personnel away from spill area.
<i>Materials and Methods for Clean-Up:</i>	Wipe up with appropriate absorbent (e.g., paper towel, etc.). Thoroughly wash the area with soap and water.
<i>Recovery and Neutralization:</i>	Collect spilled material and clean-up supplies and place in sealed container for disposal. Refer to Section 13 for disposal guidance.
<i>Environmental Precautions:</i>	Contain spill to prevent migration to public drains, sewers or open water sources. Discharge into the environment must be avoided.

## Section 7 – Handling and Storage

**Specific Use:** Refer to product specific package insert. Not for use by the general public.

### Precautions for Safe Handling

As with all chemical and biological substances, avoid getting the components within this kit on you or in you. Wash exposed areas thoroughly after using this kit. Do not eat or drink while using this kit. This kit should be handled only by qualified clinical or laboratory employees trained on the use of this kit and who are familiar with the potential hazards. Universal Precautions should be followed when handling and working with this kit. Keep out of reach of the general public.

### Universal Precautions:

No known test method can offer complete assurance that product(s) derived from human blood, serum or plasma used in components of this kit will not transmit infectious agents. All blood products should be treated as potentially infectious; use universal precautions. Users should ensure the use of proper personal protective equipment (PPE), covering of any cuts or abrasions on the skin (hands), and follow standard protocols for the decontamination of work surfaces when testing has been completed. Always wash hands thoroughly after handling the components within this kit.

**Conditions for Safe Storage:** To maintain efficacy, store according to the package insert instructions.

**Incompatibilities:** To maintain efficacy, store according to the package insert instructions.

## Section 8 – Exposure Controls and Personal Protection

**Exposure Limits:** No data available for the specific components within this kit.

**Exposure Controls:**

**Engineering Measures** Use with adequate ventilation.

**Personal Protective Equipment**

*Respiratory Protection:* None needed under normal conditions of use.

*Hand Protection:* Handle with appropriately rated chemical resistant gloves. Gloves should be inspected prior to use. Use proper glove technique to remove gloves to avoid contact with skin. Wash hands after handling the components within this kit.

*Eye Protection:* Wear safety glasses with side shields or goggles to prevent eye contact.

*Skin and Body Protection:* Use body protection appropriate for the task. A laboratory coat is recommended.

*Hygiene Measures:* Wash hands before and after use and at the end of the workday.

**Environmental Exposure Controls**

No special environmental controls are required.

## Section 9 – Physical and Chemical

Characteristic	Polyclonal Goat Antisera
Boiling Point (°C)	No data available
Melting Point (°C)	No data available
Specific Gravity (H <sub>2</sub> O = 1)	No data available
Vapor Pressure (mm Hg)	No data available
Vapor Density (Air = 1)	No data available
Evaporation Rate (Ether = 1)	No data available
pH	Neutral
Solubility in Water	Soluble
Appearance and Odor	Clear liquid, odorless

## Section 10 – Stability and Reactivity

Characteristic	Polyclonal Goat Antisera
Component Stability	Stable
Hazard Reaction Potential	Will not occur
Conditions to Avoid	None
Materials to Avoid	None
Hazardous Decomposition Products	No data available

## Section 11 – Toxicological Information

### Acute Toxicity

#### Component Analysis – LD50 / LC50

Chemical Name	CAS #	RTECS #	Information		
Sodium Azide	26628-22-8	VY8050000	Oral LD <sub>50</sub>	Rabbit	10 mg/kg
			Inhalation LC <sub>50</sub>	Rat	37 mg/m <sup>3</sup>
			Dermal LD <sub>50</sub>	Rabbit	20 mg/kg

#### Potential Health Effects:

<i>Skin Corrosion/ Irritation:</i>	No data available	<i>Inhalation:</i>	May cause respiratory tract irritation.
<i>Serious Eye Damage / Irritation:</i>	No data available	<i>Skin:</i>	May cause skin irritation upon contact.
<i>Respiratory or Skin Sensitization:</i>	No data available	<i>Eyes:</i>	May cause eye irritation.
<i>Generative Cell Mutagenicity:</i>	No data available	<i>Ingestion:</i>	May be harmful if swallowed.

### Carcinogenicity

No components of this kit present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by the ACGIH, IARC, NTP or OSHA.

**Reproductive Toxicity** No data available

**Teratogenicity** No data available

### Specified Target Organ General Toxicity

*Single Exposure (GHS):* No data available

*Repeated Exposure (GHS):* No data available

### Aspiration Respiratory Organs Hazard

None anticipated under product use conditions.

### Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated for the components within this kit.

### Synergistic Effects

No data available

### Additional Information

No data available

## Section 12 – Ecological Information

**Ecotoxicity** No data available **Mobility in Soil** No data available

**Persistence / Degradability** No data available **PBT and vPvB Assessment** No data available

**Bioaccumulation** No data available

**Other Adverse Effects** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. The sodium azide within the Polyclonal Goat Antisera may be harmful to aquatic life with long lasting effects. Avoid release to the environment.

### Section 13 – Disposal Considerations

**Waste Disposal Instructions**

Utilize appropriate personal protective equipment and spill control when handling wastes generated from using this kit. Do not discharge any of the solutions, reagents or controls into drains, water courses or onto the ground.

**Disposal of Product and Contaminated Packaging**

Dispose of waste materials, unused components and contaminated packaging in compliance with country, federal, state and local regulations. If unsure of the applicable regulatory requirements, contact a licensed professional waste disposal service to dispose of this material.

### Section 14 – Transportation Information

**U.S. Department of Transportation (DOT)**

This kit is not regulated for transport.

**International Air Transportation (IATA)**

This kit is not regulated for transport.

**International Maritime Dangerous Goods (IMDG)**

This kit is not regulated for transport.

### Section 15 – Regulatory Information

**Regulatory Information**
**U.S. Federal Regulations**

**OSHA Hazards** No known OSHA hazards.

**SARA 302** The following chemicals are subject to reporting levels established by Sara Title III, Section 302:  
Sodium Azide CAS#: 26628-22-8 Revision Date: 2007-07-01

**SARA 313** The following chemicals are subject to reporting levels established by SARA Title III, Section 313:  
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

**SARA 311/312** No SARA Hazards.

**State Regulations**

The following chemicals appear on one or more of the following state hazardous substances lists:

Chemical Name	CAS #	CA	MA	MN	NJ	PA
Sodium Azide	26628-22-8	Yes	Yes	Yes	Yes	Yes

**California Proposition 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**Canadian - WHMIS Classification**

Chemical Name	CAS #	Classification
Sodium Azide	26628-22-8	Not classified or controlled

## Section 15 – Regulatory Information (cont'd)

**Additional Regulatory Information**
**Safety, Health and Environmental regulations/legislation specific for the mixture**

This safety data sheet was authored to the requirements of regulation (EC) No. 1907/2006.

**Chemical Safety Assessment**

A chemical safety assessment was not carried out for the component in this kit.

**NFPA 704 Rating**

Health Hazard (blue):	1
Fire Hazard (red):	0
Reactivity (yellow):	0
Special Hazards (white):	None



## Section 16 – Other Information

**PREPARED BY:** Quidel Corporation  
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**SUPERCEDES:** January 14, 2014

**REVISIONS:** Reformat to 16-Section SDS; Section 1, updated component list.

The information above is provided in good faith. It is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability, fitness for a particular purpose or of any other type, expressed or implied, with respect to products described or data or information provided, and we assume no liability resulting from the use of such products, data or information. Users should make their own investigations to determine the suitability of the information for their particular purposes, and the user assumes all risk arising from their use of the material. The user is required to comply with all laws and regulations relating to the purchase, use, storage and disposal of the material, and must be familiar with and follow generally accepted safe handling procedures. In no event, shall Quidel be liable for any claims, losses, or damages of any individual or for lost profits or any special, indirect, incidental, consequential or exemplary damages of any kind, howsoever arising, even if Quidel has been advised of the possibility of such damages.

SDA300000EN00 (07/17)