

2026 年 8 月 吉日

お客様各位

米国産 仔牛血清の供給に関するご案内

拝啓 貴社、益々ご清栄のこととお慶び申し上げます。平素より弊社製品をご利用いただき誠にありがとうございます。

このたび、弊社仔牛血清製品の供給に関して、下記の通りご案内申し上げます。最も正確な情報につきましては別添の英語版原本もご参照いただきますようお願い申し上げます。

ご質問やご不明な点がございましたら、以下のバイオダイレクトラインまでお問い合わせください。

バイオダイレクトライン（製品問合せ対応窓口）TEL: 03-5331-9336（音声案内②） e-mail: Tech-JP@cytiva.com

この度はご迷惑をおかけいたします。今後とも Cytiva をご愛顧賜りますようよろしくお願い申し上げます。

敬具

Cytiva（サイティバ）
バイオプロセス事業部

法人名：グローバルライフサイエンステクノロジー株式会社

記

現在、市場環境の大きな変化により、米国産仔牛血清原料の供給量が減少しており、長期的な供給制約が発生しています。

米国産 Calf Serum は仔牛肉（Veal）生産の副産物です。しかしながら、仔牛肉の消費は長年にわたり減少傾向にあり、その結果米国内で操業を継続している仔牛生産者は限られてきています。さらに、酪農業界では飼育方針が変化し、雄仔牛の多くが肉牛市場へ回されるようになったことで、Veal 用仔牛の供給がさらに減少しています。

これらの要因により、米国産仔牛血清の供給量は大幅に減少し、需要に応えることが困難になっています。当社は仕様を満たすあらゆる原料の確保に努めていますが、サプライヤー予測によると、全てのお客様の需要を満たすことは極めて難しい状況です。また、残念ながら、市場動向を踏まえると、この供給不足は今後も当面継続すると見込まれます。

その結果として、弊社は現在入手可能な原料血清を、人用ワクチンおよび治療薬の製造向けに優先配分せざるを得ません。優先供給対象として検討をご希望の場合は、バイオダイレクトラインまでご連絡ください。

弊社は信頼できるパートナーとして、お客様の要件に合致した代替製品の提案に取り組んでまいります。現在提供可能な代替品を以下にまとめました。ご質問や追加サポートが必要な場合もバイオダイレクトラインまでお問い合わせください。

供給制約対象製品		代替候補品（製品番号が弊社ホームページへのリンクになっています）	
製品番号	製品名	製品番号	製品名
SH30072	HyClone Iron-Supp Calf Serum, US Origin	SH30626	HyClone Iron-Supp Newborn Calf Serum, NZ Origin
SH30073	HyClone Calf Serum, US Origin	SH30401	HyClone Newborn Calf Serum, NZ Origin
SH30087	HyClone Cosmic Calf Serum, US Origin	SH30413 *	HyClone Cosmic Newborn Calf Serum, NZ Origin *2027 年初頭より供給開始予定
SH30533	HyClone Cosmic Calf Serum, US Origin	SH30413 *	HyClone Cosmic Newborn Calf Serum, NZ Origin *2027 年初頭より供給開始予定
SH30541	HyClone Bovine Growth Serum, US Origin	SH30413 *	HyClone Cosmic Newborn Calf Serum, NZ Origin *2027 年初頭より供給開始予定
SH30080	HyClone FetalClone I serum, US Origin	SH30910	HyClone Characterized FBS, USDA Import Tested
		SH30396	HyClone Characterized FBS, Canadian Origin
		SV30160	HyClone FBS, South American Origin
		SH30088	HyClone Standard FBS, US Origin
SH30066	HyClone FetalClone II serum, US Origin	SH30910	HyClone Characterized FBS, USDA Import Tested
		SH30396	HyClone Characterized FBS, Canadian Origin
		SV30160	HyClone FBS, South American Origin
		SH30088	HyClone Standard FBS, US Origin
SH30109	HyClone FetalClone III serum, US Origin	SH30910	HyClone Characterized FBS, USDA Import Tested
		SH30396	HyClone Characterized FBS, Canadian Origin
		SV30160	HyClone FBS, South American Origin
		SH30088	HyClone Standard FBS, US Origin
SH30212	HyClone Alpha Calf Fraction Non-supp, US Origin		
SH30118	HyClone Newborn Calf Serum, US Origin	SH30401	HyClone Newborn Calf Serum, NZ Origin

以上

02 July 2026

Subject: Important Update United States Calf and FetalClone Serum Supply and Next Steps

Dear Customer,

The market is currently undergoing significant changes that are impacting the availability of raw United States origin calf serum, resulting in long-term supply constraints.

Market background

United States calf serum is a byproduct of veal production. However, veal consumption has been in steady decline, leaving a limited number of operational veal producers in the United States. Additionally, dairy operations have shifted husbandry practices, directing more bull calves into beef markets, which further reduces the supply of veal calves.

These trends have resulted in a substantial decrease in the availability of United States calf serum, creating growing challenges in meeting customer demand. While we are actively sourcing all product available that meets our specifications, supplier forecasts indicate that fulfilling full demand across our customer base will be extremely difficult. Unfortunately, due to these market trends, we anticipate this reduced availability to remain for the foreseeable future.

Impacted products include:

Product	Description
SH30072	HyClone Iron-Supp Calf Serum, US Origin
SH30073	HyClone Calf Serum, US Origin
SH30087	HyClone Cosmic Calf Serum, US Origin
SH30533	HyClone Cosmic Calf Serum, US Origin
SH30541	HyClone Bovine Growth Serum, US Origin
SH30080	HyClone FetalClone I serum, US Origin
SH30066	HyClone FetalClone II serum, US Origin
SH30109	HyClone FetalClone III serum, US Origin
SH30212	HyClone Alpha Calf Fraction Non-supp, US Origin
SH30118	HyClone Newborn Calf Serum, US Origin

As a result, we are having to prioritize available raw serum supply to support the manufacture of critical vaccines and therapeutics for human use. If you would like your application to be considered within this prioritization process, please reach out to your Cell Culture Sales Specialist for further discussion.

As a trusted partner we would like to work with you to find an alternate product that meets your requirements. Below is a summary of available material we currently have to offer. Please reach out to your Cell Culture Sales Specialist with questions or additional support.

Product	Alternatives	Description
SH30072	SH30626	HyClone Iron-Supp Calf Serum, NZ Origin
SH30073	SH30401	HyClone Iron-Supp Newborn Calf Serum, NZ Origin
SH30087	SH30413	HyClone Cosmic Newborn Calf Serum, NZ Origin*
SH30533	SH30413	HyClone Cosmic Newborn Calf Serum, NZ Origin*
SH30541	SH30413	HyClone Cosmic Newborn Calf Serum, NZ Origin*
SH30080	SH30910	HyClone Characterized FBS, USDA Import Tested
	SH30396	HyClone Characterized FBS, Canadian Origin
	SV30160	HyClone FBS, South American Origin
	SH30088	HyClone Standard FBS, US Origin
SH30066	SH30910	HyClone Characterized FBS, USDA Import Tested
	SH30396	HyClone Characterized FBS, Canadian Origin
	SV30160	HyClone FBS, South American Origin
	SH30088	HyClone Standard FBS, US Origin
SH30109	SH30910	HyClone Characterized FBS, USDA Import Tested
	SH30396	HyClone Characterized FBS, Canadian Origin
	SV30160	HyClone FBS, South American Origin
	SH30088	HyClone Standard FBS, US Origin
SH30212	Contact rep	
SH30118	SH30401	HyClone Iron-Supp Newborn Calf Serum, NZ Origin

Thank you for your understanding and partnership.



Snr Product Manager – Serum and Microcarriers, Cytiva