

# 3-Colour Prestained Protein Marker (10-245 kDa)

## CERTIFICATE OF ANALYSIS

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<b>#PM31</b>	3-Colour Prestained Protein Marker (10-245 kDa)
<b>Batch Number:</b>	715773
<b>Expiry Date:</b>	01.2020
<b>Store at:</b>	Keep at 2-8°C for short-term (up to 3 months) or at -20°C for long-term storage
<b>Shipping conditions:</b>	Shipping on blue or dry ice.
<b>Specification:</b>	The 3-Colour Prestained Protein Marker is a mixture of twelve pre-stained proteins within a wide range of masses, from 10 to 245 kDa. Proteins are covalently coupled with different colour dyes (green: 25 kDa, red: 75 kDa and blue: 10, 15, 20, 35, 45, 60, 100, 140, 180, 245 kDa). The 3-Colour Prestained Protein Marker can be used for monitoring protein separation by SDS-PAGE and for verifying a transfer efficiency onto PVDF, nylon or nitrocellulose membranes (Western transfer), as well as for protein size estimation. The Protein Marker is ready to use and requires no special preparation before application to the wells in a polyacrylamide gel.

## QUALITY CONTROL

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3-Colour Prestained Protein Marker showed 12 major bands when separated by SDS-PAGE electrophoresis on 15% Tris-Glycine Gel with Tris-Glycine buffer, 12% Bis-Tris Gel with MOPS buffer, and 4-12% Bis-Tris Gel with MES buffer.

Any prestained contaminant band was less than 20% in intensity to the nearest major band above 100 kDa or 10% in intensity to the nearest major band below 100 kDa.

**Quality authorized by:** Justyna Leibner-Ciszak      **Date:** 21.02.2018

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#### **PRODUCT USE LIMITATION**

This product of Blirt S.A . has been developed for research purposes only and it is not suitable for human and animal therapeutic or diagnostic use.

#### **WARRANTY TERMS**

Blirt S.A. guarantees that the quality of the product, within its expiry date, complies with the specifications of the Certificate of Analysis provided the product was stored properly in original packaging. In case of any complaints within specified warranty period, Blirt S.A. is obliged to replace any batch or Product's item within the Product's expiry date, free of charge. Blirt S.A. awards no other, additional warranties, excluding any other direct or indirect guarantees regarding suitability, productivity, the purpose of use, merchantability, storage conditions or any other factors in relation to products of Blirt S.A.

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