Platinum-gold-nickel (Pt-Au-Ni) NanoWires are included in *DropSens* NanoMaterials range and are produced via the electrochemical deposition on an alumina template. After dissolving the alumina, purified three-metal NanoWires are obtained.

The manufacturing process allows customising the dimensions of these NanoWires. Our standard process produces Pt-Au-Ni NanoWires with an average diameter of **150-250 nm** and an average length varying in two ranges: Pt (1.5 \( \mu \text{m} \)) - Au (5 \( \mu \text{m} \)) - Ni (2 \( \mu \text{m} \)) ref. PTAUNINW-LO or Pt (1.5 \( \mu \text{m} \)) - Au (2 \( \mu \text{m} \)) - Ni (2 \( \mu \text{m} \)) ref. PTAUNINW-SH.

NanoWires are commercialised in ethanol solution with a concentration of **2.2 \( \times \) 10^8 NW/mL**.

NanoWires of single metallic materials such as Nickel, Gold, Platinum, Palladium and Silver are also available.

This product is available in **1.5** or **4.5 mL** order quantities.