Question:
How does the patented MRET polymer get injected into the BIOPRO Chips? How can I detect the MRET polymer inside a BIOPRO Chip?

Answer:
Both BIOPRO Cell Chips and Universal Chips are injected with the patented MRET polymer at their manufacturing facility. In its natural state, the MRET polymer is a transparent liquid, with similar viscosity to honey. Once injected into the hard plastic shell of the BIOPRO Cell Chip and Universal Chip, the polymer settles, hardens and, as a result, shrinks in its volume. It basically attaches itself to the chips' hard plastic shell. As such, **it becomes difficult to distinguish from the black plastic shell itself**, as the MRET polymer is transparent and the black color of the plastic permeates through that transparency, **making it very difficult to see the MRET polymer layer**. To detect and separate the MRET polymer inside BIOPRO chips, follow the steps below:

Step 1:
Take an unopened BIOPRO Chip

Universal Chip

Cell Chip

Step 2:
Remove the chip cover (Universal Chip) or cut the Chip in half (Cell Chip). As can be seen in the picture below, **when the chip cover is removed or when it is cut in half, the MRET polymer is very difficult to see**, because the black color of the hard plastic shell literally permeates/shines through the transparent MRET polymer.

Universal Chip

Cell Chip

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Step 3:
Take a razor or sharp object (such as an X-acto knife) to cut into the side of the hardened polymer, eventually getting underneath the hardened layer, which has adhered firmly to the bottom of the chip's plastic shell. As illustrated below, the clear, **thin layer of the MRET polymer will eventually peal away from the hard shell plastic as you pry it upward** (away from the plastic shell that it adheres to).

Universal Chip:




Cell Chip:




Step 4:
You'll now be able to separate the 'rubber-wedge' like, hardened MRET polymer from the black plastic shell. The pictures below show the Chip's plastic shell on the left, and the hardened MRET polymer 'wedge' on the right.

Universal Chip

Cell Chip

END