The testing process explained

The issue of doping is central to modern sports. Since the beginning of time, wherever and whenever the outcome of sporting competition involves status, money or rewards, attempts are made to seek an advantage through doping. But what are the long-term effects? Is sports doping really worth it?

For over 40 years, Agilent Technologies has, and continues to be, at the forefront of the fight to level the playing field for athletes across the globe.

**Barbiturates**
- Reduce anxiety
- Days in body: 2 days

**Mannitol**
- Lose weight, diluting urine to evade dope test
- Days in body: 4 days

**Steroids**
- Increase muscle strength & bulk
- Days in body: 90 days
- Used in:
  - Drugs name
  - Drug effects
  - Days in body
  - Used in

**Cannabinoids**
- Reduce anxiety
- Days in body: 60 days

**Clenbuterol**
- Increased fat loss, improved metabolism
- Days in body: 5 days

**Cocaine**
- Increase alertness, aggression & endurance
- Days in body: 4 days

**Clonbuterol**
- Increased fat loss, improved metabolism
- Days in body: 5 days

**Cannabinooids**
- Reduce anxiety
- Days in body: 60 days

**GHG**
- Increase muscle strength & bulk
- Days in body: 28 days

**Nandrolone**
- Increase muscle strength
- Days in body: 365 days

**HGH** (Human Growth Hormone)
- Increase muscle strength & bulk
- Days in body: 28 days

**Coca**
- Increase alertness, aggression & endurance
- Days in body: 4 days

**Doping analysis workflow**
- LC/MS Profiling
- GC/MS Doping Analysis
- Reporting