

# Download Acidic Solutions Contain What Ions

Not simple to answer - acidic solutions contain more hydrogen ions than hydroxide ions, but there are very many ions that can cause hydrogen ions to be in excess - for instance the hydrogen-sulphate ion (from an acid salt such as sodium hydrogen-sulphate) when added to water has a tendency to split into hydrogen and sulphate ions, so ... Acidic solutions contain very high concentrations of hydrogen ions. In an acidic solution, then, the concentration of hydrogen ions is greater than the concentration of hydroxide ions. and why do acidic contain some OH<sup>-</sup> ions? someone please explain. it's not in my book, but i think it has to do with buffers.