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| This study was designated to Isolate Mycobacteria in Fish ( 100 ) rectal swabs were collected : (28 ) swab from Ilisha , (1 ) swab from *Barbus xanthopterus* , (1) swab from *Barbus grypus ,* (24 ) swab from *Cyprinu carpio* , (25 ) swab from *Liza abu*  *,* (4) swab from *Aspius vorax* , (7) swab from *Barbus Luteus* , (2) swab from *Barbus sherpeyi ,* , (1) swab from *Carraius auratus ,* , (2) swab from *Mugil cephitus*  , (5) swab from *Hypophthilminthys molitrix* . the swab carried on enrichment media then the swab treated with NaOH ( 4% ) for ( 10 mintes ) the swabs were cultured on special media for the mycobacteria ( Lowenstein- Jenson media (L J ) ) & Tryptic soya Agar ( TSA ) incubated at 25 c for 8 weeks.  Diagnosis of mycobacteria was based on rate of growth ,charasteristics of bacterial colonies &the ability of production of chromogenes and direct macroscopic examination important for Fish Tuberculosis .  The results reveald isolation of mycobacterium Spp (64 %) from 100 Fish include : 17 isolates ( 60.7 % ) from Ilisha , one isolates ( 100 % ) from *Barbus sharpeyi* , 16 isolates ( 66.6 % ) from *Cyprinu carpio ,* 17 isolates ( 68 % ) from *Liza abu* , 4 isolates ( 100 % ) from *Aspius vorax*  , 2 isolates ( 40 % ) from *Hypophthilminthys molitrix* , 4 isolates ( 57.1 % ) from *Barbus Luteus*  , one isolates ( 50 % ) from *Barbus sharpeyi* , one isolates ( 100 % ) from *Carraius auratus ,* one isolates ( 50 % ) from *Mugil cephitus*  . the result reveald that 54 isolates of mycobacteria spp grow in 3- 7 day indicate that it was from type of Rapid growing Atypical Mycobacteria and 10 isolates of mycobacteria spp grow in 8 days – 8 weeks indicate that it was from type Slow growing Atypical Mycobacteria .  From this study we concluded that Fish are important sources for dissemination of mycobacterial infections to human & animals . | | | | | | Abstract |